CONSTRUCTION NEWS

Engineering News-Record, Sept. 3, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Church, Hospital, etc. New York, N. Y., Realty Sureties, Inc., having plans prepared, $14,000,000.

Theatre, New York, N. Y., H. Huritz, Archt. prepared plans, $6,000,000.

Hospital, Cleveland, O. City plans building, $1,500,000.

Apartment, New York, N. Y., Twenty Six East Seventy Six St. Corp., having plans prepared, $1,500,000.

Apartment, San Antonio, Tex., Syndicate having preliminary plans prepared, $1,500,000.

Warehouse, Pittsburgh, Pa., H. J. Heinz Co. having plans prepared, $1,500,000.

Apartment, New York, N. Y., J. I. Walsh plans building, $1,200,000.

Memorial, Madison, Wis., Memorial Union Com. having plans prepared, $1,100,000.

Church, Los Angeles, Calif., Immanuel Presbyterian Church, having plans prepared, $1,000,000.

Bids Wanted On Big Jobs

Telephone building, Cleveland, O., Sept. 22 by Hubbell & Benes, Archt. for Ohio Bell Telephone Co., $4,000,000.

Office, Sept. 9, Philadelphia, Pa., by E. B. Temple, Asst. Ch. Engr. Pennsylvania R.R. system, $3,300,000.

Police headquarters, Chicago, Ill., Coms. Pub. Wks. takes bids about Dec. 1, $2,500,000.

High School, Sept. 10, Pittsburgh, Pa., by Bd. Educ., $2,000,000.

Museum, Sept. 15, Buffalo, N. Y., Com. Parks & Buildings, $1,000,000.

Apartment Hotel, Sept. 10, Tulsa, Okla., by Shepard & Wiser, Archts., $1,000,000.

Large Contracts Let During Week

Harbor development, Hollywood, Fla., Hollywood Development & Harbor Co., work will be done by company forces, $15,000,000.

Office, New York, N. Y., Fred F. French will build, $10,000,000.

Store and Theatre, Atlanta, Ga., A. G. Candler, Jr., to Starrett Bros., New York, N. Y., $6,000,000.

Hotel, Boston, Mass., Statler Hotel Co. to Dwight P. Robinson, Inc., New York City, $4,000,000.

Power Plant, Pine Grove, Pa., Pennsylvania Power & Light Co. to Phoenix Utility Co., $3,600,000.

Shops, St. Augustine, Fla., Florida East Coast R.R. to Foundation Co., Atlanta, Ga., $3,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close		See Eng. News-Record
WATERWORKS		
Sept. 8	Toronto, Ont.	Aug. 6
Sept. 8	Cap-de-la-Madeline, Que.	Aug. 27
Sept. 8	Fort Contonge, Que.	Aug. 27
Sept. 8	Detroit, Mich.	Aug. 27
Sept. 8	Phila., Pa.	Sept. 3
Sept. 8	Gulfport, Miss.	Sept. 3
Sept. 8	Brooklyn, N. Y.	Sept. 3
Sept. 9	Cleveland, O.	Sept. 3
Sept. 10	Mundelein, Ill.	Aug. 13
Sept. 14	Coraopolis, Pa. Adv. Sept. 3.	Sept. 3
Sept. 14	Pennington, N. J.	Sept. 3
Sept. 15	Needles, Calif.	July 23
Sept. 15	Detroit, Mich.	Aug. 27
Sept. 16	New York, N. Y.	Aug. 13
Sept. 18	Isala, Miss.	Aug. 27
Sept. 21	Masontown, Pa. Adv. Sept. 3.	Sept. 3
Sept. 22	Tallahassee, Fla. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 22	Youngstown, O.	Aug. 27
SEWERS		
Sept. 8	Punta Gorda, Fla. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 8	Coraopolis, Pa.	Aug. 27
Sept. 8	Providence, R. I.	Sept. 3
Sept. 8	Dunbar, W. Va.	Sept. 3
Sept. 8	Wheaton, Ill. Adv. Sept. 3.	Sept. 3
Sept. 8	Manitowoc, Wis.	Sept. 3
Sept. 8	Boston, Mass.	Sept. 3
Sept. 8	Long Island City, N. Y.	Sept. 3
Sept. 9	Cleveland, O.	Sept. 3
Sept. 9	Boston, Mass.	Sept. 3
Sept. 10	Boston, Mass.	Sept. 3
Sept. 10	Long Island City, N. Y.	Sept. 3
Sept. 10	Juanlata, Pa.	Aug. 27
Sept. 14	Berea, O. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 14	Detroit, Mich.	Sept. 3
Sept. 14	Plymouth, Mich.	Sept. 3
Sept. 15	Libertyville, Ill.	Aug. 13
Sept. 15	Tampa, Fla.	Sept. 3
Sept. 17	Taylorville, Ill. Adv. Sept. 3.	Sept. 3
Sept. 18	Lincoln Park, Mich.	Sept. 3
Sept. 23	Grand Rapids, Mich. Adv. Sept. 3.	Sept. 3
Sept. 25	Louisville, Ky. Adv. Sept. 3.	Sept. 3
Oct. 6	Lynn, Mass. Adv. Sept. 3.	Sept. 3
WASTE DISPOSAL		
Sept. 8	Lakeland, Fla. Adv. Aug. 13 to Sept. 3.	Aug. 13
Sept. 8	Long Island City, N. Y.	Sept. 3
Sept. 9	Eastchester (Greycourt P. O.) N. Y. Adv. Aug. 27 and Sept. 3.	Aug. 27
BRIDGES		
Sept. 7	Fayette, Tex.	Aug. 27
Sept. 7	Belhaven, N. C.	Sept. 3
Sept. 9	Phila., Pa.	Sept. 3
Sept. 9	Montreal, Que.	Aug. 20
Sept. 9	Michigan	Aug. 27
Sept. 10	Louisiana	Aug. 20
Sept. 10	Louisiana	Aug. 27
Sept. 10	Mannington, W. Va.	Aug. 27
Sept. 10	Williamsport, Pa.	Aug. 27
Sept. 11	South Carolina	Aug. 27
Sept. 11	Dayton, O.	Aug. 27
Sept. 14	Pennsylvania Adv. Aug. 20 to Sept. 3.	Aug. 27
Sept. 14	Chester, Pa. Adv. Aug. 20 to Sept. 3.	Aug. 27
Sept. 14	Anderson, Tex.	Sept. 3
Sept. 15	Washington	Aug. 27
Sept. 16	Providence, R. I.	Aug. 27
Sept. 23	Roach, W. Va. Adv. Sept. 3.	Sept. 3
Sept. 25	Cincinnati, O.	Sept. 3
Oct. 1	New Braunfels, Tex.	Aug. 27
DAMS		
Sept. 21	Streator, Ill. Adv. Sept. 3.	Sept. 3
Oct. 12	Los Angeles, Calif.	Aug. 20
EXCAVATION, DRAINAGE IRRIGATION, LEVEES		
Sept. 8	Ontario	Aug. 27
Sept. 8	Pittsfield, Ill.	Sept. 3
Sept. 9	Crete, Ill.	Sept. 3
Sept. 10	Falmouth, Mass.	Sept. 3
Sept. 12	Texas	July 23
Sept. 22	Welland, Ont.	Aug. 27
Sept. 22	Edinburg, Tex. Adv. Aug. 20 to Sept. 3.	Aug. 27
Sept. 25	Thomson, N. Y. Adv. Sept. 3.	Sept. 3
STREETS AND ROADS		
Sept. 4	Akron, O.	Aug. 27
Sept. 4	New York Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 4	New Hampshire	Sept. 3
Sept. 5	Maryland	Aug. 27
Sept. 7	Ocean City, N. J. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 7	Sarasota, Fla. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 7	Newport, Ind.	Aug. 27
Sept. 7	Warsaw, Ind.	Aug. 27
Sept. 7	Rushville, Ind.	Aug. 27
Sept. 7	Williamsport, Ind.	Aug. 27
Sept. 7	Tavares, Fla.	Sept. 3
Sept. 7	Clearwater, Fla.	Sept. 3
Sept. 8	Riverside, Ill.	Sept. 3
Sept. 8	Rulo, Neb.	Sept. 3
Sept. 8	Wallingford, Conn. Adv. Sept. 3.	Sept. 3
Sept. 8	Tampa, Fla.	Sept. 3
Sept. 8	Labelle, Fla.	Aug. 20
Sept. 8	Valley City, N. D.	Aug. 20
Sept. 8	White Plains, N. Y. Adv. Aug. 20 to Sept. 3.	Aug. 27
Sept. 8	Gulfport, Miss.	Aug. 27
Sept. 8	Michigan	Aug. 27
Sept. 8	Euclid, O.	Aug. 27
Sept. 8	Columbus, O.	Aug. 27
Sept. 8	Plymouth, Ind.	Aug. 27
Sept. 8	Rulo, Neb.	Aug. 27
Sept. 8	Lafayette, La.	Aug. 27
Sept. 8	Wheaton, Ill.	Sept. 3
Sept. 8	Princeton, N. J.	Sept. 3
Sept. 8	Maple Heights (mail Cleveland), O.	Sept. 3
Sept. 8	New Brunswick, N. J.	Sept. 3
Sept. 9	Long Island City, N. Y.	Sept. 3
Sept. 9	Brooklyn, N. Y.	Sept. 3
Sept. 9	Freehold, N. J. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 9	Mount Holly, N. C.	Aug. 27
Sept. 9	Columbia City, Ind.	Sept. 3
Sept. 9	Knox, Ind.	Sept. 3
Sept. 9	Pittsburgh, Pa.	Sept. 3
Sept. 9	Wisconsin	Sept. 3
Sept. 10	Virginia	Sept. 3
Sept. 10	Louisiana	Aug. 20
Sept. 10	Wayne, W. Va.	Aug. 27
Sept. 10	Valparaiso, Ind.	Aug. 27
Sept. 10	Louisiana	Aug. 27
Sept. 10	North Dakota	Sept. 3
Sept. 10	Cincinnati, O.	Sept. 3
Sept. 11	Peru, Ind.	Sept. 3
Sept. 11	Logansport, Ind.	Sept. 3
Sept. 11	San Antonio, Tex.	Aug. 27
Sept. 11	Texas	Sept. 3
Sept. 11	Barstow, Tex.	Sept. 3
Sept. 11	Guthrie, Okla.	Sept. 3
Sept. 11	Louisiana, Mo.	Sept. 3
Sept. 12	Cleveland, O.	Sept. 3
Sept. 14	San Diego, Calif.	Sept. 3
Sept. 14	California	Sept. 3
Sept. 14	Hackettstown, N. J. Adv. Sept. 3.	Sept. 3
Sept. 14	New Jersey Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 14	Greenville, Miss.	Sept. 3
Sept. 15	Monticello, Fla.	Sept. 3
Sept. 15	St. Louis, Mo.	Aug. 20
Sept. 15	Louisiana	Aug. 27
Sept. 15	Albert Lea, Minn.	Aug. 27
Sept. 15	Washington	Aug. 27
Sept. 15	Washington	Sept. 3
Sept. 16	Delaware Adv. Sept. 3.	Sept. 3
Sept. 17	San Diego, Tex.	Sept. 3
Sept. 17	Kansas City, Mo.	Sept. 3
Sept. 17	Kansas City, Kan.	Sept. 3
Sept. 17	San Diego, Tex.	Sept. 3
Sept. 18	North Dakota	Sept. 3
Sept. 19	New Albany, Ind.	Sept. 3
Sept. 21	Little Silver, N. J. Adv. Sept. 3.	Sept. 3

Bids Close		See Eng. News-Record
Sept. 21	Kentucky	Aug. 27
Sept. 22	New Orleans, La.	July 2
Sept. 22	Edinburg, Tex.	Aug. 20
Sept. 22	Pennsylvania Adv. Sept. 3.	Sept. 3
Sept. 23	Elizabeth City, N. C. Adv. Sept. 3.	Sept. 3
Sept. 24	New Orleans, La.	July 2
Sept. 24	Lyndon, Kan.	Sept. 3
Sept. 24	Mount Doro, Fla.	Sept. 3
Sept. 24	Louisiana	Sept. 3
Sept. 25	Oskaloosa, Kan.	Sept. 3

BUILDINGS—INDUSTRIAL

Sept. 4	Atlantic City, N. J.	Sept. 3
Sept. 10	Phila., Pa.	Aug. 27
Sept. 10	Chicago, Ill.	Aug. 27
Sept. 14	Baltimore, Md.	Sept. 3
Oct. 13	Durban, South Africa	July 30

BUILDINGS—COMMERCIAL

Sept. 4	Norwood, Mass.	Sept. 3
Sept. 5	Chicago, Ill.	Sept. 3
Sept. 7	Brooklyn, N. Y.	Aug. 20
Sept. 7	North Milwaukee (Milwaukee P. O.), Wis.	Sept. 3
Sept. 8	Rutherfordton, N. C.	Aug. 27
Sept. 8	Phila., Pa.	Sept. 3
Sept. 9	Phila., Pa.	Sept. 3
Sept. 10	Milwaukee, Wis.	Sept. 3
Sept. 10	Tulsa, Okla.	Sept. 3
Sept. 10	Nashville, Tenn.	Sept. 3
Sept. 10	Atlantic City, N. J.	Aug. 27
Sept. 12	Biloxi, Miss.	Sept. 3
Sept. 14	Phila., Pa.	Sept. 3
Sept. 15	Chicago, Ill.	Aug. 20
Sept. 15	St. Louis, Mo.	Aug. 27
Sept. 15	Chicago, Ill.	Aug. 27
Sept. 15	Miami, Fla.	Sept. 3
Sept. 16	Wingdale, N. Y. Adv. Aug. 20 to Sept. 3.	Aug. 27
Sept. 17	St. Joseph, Mo.	Sept. 3
Sept. 22	Cleveland, O.	Sept. 3
Oct. 6	Labelle, Fla. Adv. Aug. 20 to Sept. 3.	Aug. 20
Oct. 12	Breckenridge, Tex.	Sept. 3
Nov. 15	Aurora, Ill.	Aug. 27

BUILDINGS—EDUCATIONAL, RELIGIOUS

Sept. 4	St. Urbain, Que.	Sept. 3
Sept. 7	Clinton, N. C.	Aug. 27
Sept. 8	Phila., Pa.	Aug. 27
Sept. 8	Milwaukee, Wis.	Sept. 3
Sept. 8	Allentown, Pa.	Sept. 3
Sept. 8	Haverford, Pa.	Sept. 3
Sept. 8	Montreal, Wis.	Sept. 3
Sept. 8	Albany, N. Y.	Sept. 3
Sept. 8	Lyndonville, N. Y.	Sept. 3
Sept. 9	Lakewood, O.	Sept. 3
Sept. 9	Urbana, Ill.	Sept. 3
Sept. 9	Baltimore, Md.	Aug. 27
Sept. 9	Wausau, Wis.	Aug. 27
Sept. 10	Oshkosh, Wis.	Sept. 3
Sept. 10	Pittsburgh, Pa.	Sept. 3
Sept. 11	Rockford, Ill.	Aug. 27
Sept. 12	Phila., Pa.	Sept. 3
Sept. 14	New Bedford, Mass.	Aug. 27
Sept. 15	Buffalo, N. Y.	Sept. 3
Sept. 20	Jackson, Mich.	Aug. 27
Sept. 22	Marshalltown, Ia.	Sept. 3
Sept. 29	Cleveland, O.	Sept. 3
Sept. 30	Virginia, Minn.	Aug. 20

FEDERAL GOVERNMENT WORK

Sept. 4	Dredging—Newark, N. J.	Aug. 6
Sept. 4	Suction Pipe—Norfolk, Va.	Aug. 27
Sept. 4	Dredging—Norfolk, Va.	Aug. 27
Sept. 8	Roof—Florence, Ala. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 8	Alterations—Pittsburgh, Pa.	Aug. 27
Sept. 8	Wire—Boston, Mass.	Sept. 3
Sept. 10	Paving—Florence, Ala. Adv. Aug. 13 to Sept. 3.	Aug. 20
Sept. 10	Dredging—Providence, R. I. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 11	Remodeling—Tampa, Fla. Adv. Sept. 3.	Sept. 3
Sept. 12	Dredging, etc.—Galveston, Tex. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 14	Dredging—New York, N. Y. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 15	Kitchen and Mess Building—Perry Point, Md. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 15	Dredging—Mobile, Ala. Adv. Aug. 20 to Sept. 3.	Aug. 20
Sept. 15	Piers—Boston, Mass.	Sept. 3
Sept. 16	Paving—Phila., Pa.	Aug. 20
Sept. 18	Remodeling—Savannah, Ga.	Aug. 27
Sept. 21	Barges—St. Louis, Mo.	Aug. 27
Sept. 22	Filtration Plant—Wash., D. C. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 22	Post Office—Sandusky, O.	Aug. 20
Sept. 23	Painting—St. Paul, Minn. Adv. Sept. 3.	Sept. 3
Sept. 24	Remodeling—Holyoke, Mass. Adv. Sept. 3.	Sept. 3
Sept. 24	Air Compressor—Florence, Ala. Adv. Aug. 27 and Sept. 3.	Aug. 27
Sept. 24	Dredging—New York, N. Y.	Sept. 3
Sept. 25	Post Office—Comanche, Tex. Adv. Aug. 27 and Sept. 3	Aug. 27
Sept. 25	Tender—Wash., D. C.	Aug. 27
Sept. 25	Hydraulic Dredge—Norfolk, Va. Adv. Aug. 27 and Sept. 3.	Sept. 3
Sept. 30	Quarters, etc.—Sacket Harbor, N. Y. Adv. Sept. 3.	Sept. 3
Sept. 30	Quarters—Oceanport, N. J. Adv. Sept. 3.	Sept. 3
Oct. 2	Dredging—Stamford, Conn. Adv. Sept. 3.	Sept. 3

UNCLASSIFIED

Sept. 8	Breakwater—Bronxville, N. Y.	Aug. 27
Sept. 8	Ventilation Fans—New York, N. Y.	Aug. 6
Sept. 8	Subway—New York, N. Y.	Aug. 27
Sept. 8	Borings—Philadelphia, Pa.	Sept. 3
Sept. 8	Traffic Signals—Shreveport, La.	Sept. 3
Sept. 9	Wharf—Canada	Aug. 27
Sept. 10	Air Compressor—Esquimalt, B. C.	Sept. 3
Sept. 11	Grand Stand—York, Pa.	Sept. 3
Sept. 11	Oil Burning System—New York, N. Y.	Sept. 3
Sept. 11	Special Work—Brooklyn, N. Y.	Sept. 3
Sept. 11	Jetty, etc.—Ottawa, Ont.	Sept. 3
Sept. 15	Breakwater, etc.—Canada	Sept. 3
Sept. 15	Heating and Ventilating—Waltham, Mass.	Sept. 3
Sept. 17	Wiring, etc.—Buffalo, N. Y.	Sept. 3
Sept. 17	Breakwater—Grand Harbor, N. B.	Sept. 3
Sept. 21	Transformers—Melbourne, Australia	Aug. 6
Sept. 25	Subway—Wash., D. C. Adv. Sept. 3.	Sept. 3
Sept. 29	Towers—Wellington, New Zealand	Aug. 6
Oct. 1	Foundation—Madison, Wis.	July 30

MATERIALS

Sept. 29	Pipe—Long Beach, Calif.	Sept 3
Oct. 10	Wire—Melbourne, Australia	Aug. 20
Oct. 13	Insulation Strings—Wellington, New Zealand	Aug. 6
Oct. 20	Telephone Cable—Melbourne, Australia	Aug. 20
Nov. 9	Cable—Melbourne, Australia	Aug. 20

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Fla., St. Petersburg — Election Sept. 8, $86,000 bonds, water plant, etc., and $964,000 bonds water distribution. S. S. Martin, dir. Finance.

Fla., Tarpon Springs — Voted $525,000 bonds of which $400,000 to be used for waterworks. C. E. Burleson, Clearwater, engr.

Miss., Long Beach—Bd. Aldermen and J. J. Bailey, mayor, retained Swanson McGraw Co., Inc., consult. engrs., United Fruit Bldg., New Orleans, La., to prepare plan waterworks, incl. 9½ mi. pipe, etc. $75,000.

La., Welsh—Plans to issue $60,000 bonds, waterworks. J. W. Armstrong, mayor.

Tenn., Dickson—Election Sept. 15, $25,000 bonds, extending mains in various streets.

Mich., Birmingham—Quarton Lake Estates made plans 13,500 ft. 6- to 8-in. c.i. mains 11,000 ft. 8- to 15-in. sanitary sewers, and 140,000 sq.ft. concrete sidewalks, etc., on various streets. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Mich., Norway—Plans artesian well with electric pumps. To exceed $15,000. Engineer not selected. J. Gee, city clk.

Ill., San Jose—Soon takes bids waterworks improvements, incl. mains, etc., in various streets. $27,000 bonds voted. Kinsey Eng. Co., Arcade Bldg., Pekin, engrs. Noted Aug. 6.

Kan., Coffeyville—Making plans waterworks improvements. To exceed $15,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Lenexa—Making preliminary plans new waterworks. To exceed $15,000. Shockley Eng. Co., 800 Graphic Art Bldg., Kansas City, Mo., engrs.

Neb., McCook—Defeated $68,596 bonds for distribution system extension and waterworks improvements. Noted Aug. 20.

Mo., Craig—R. Nauman, city clk., making preliminary plans water works and distribution system. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs.

Mo., Malden—Voted $50,000 bonds, waterworks and electric improvements. F. L. Wilcox, 924 Chemical Bldg., St. Louis, consult. engr. Noted July 16.

Mo., Mansfield—Election Sept. 5, $37,000 bonds waterworks and distribution system. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Jan. 8.

Mo., Savannah—Election Sept. 15, $60,000 bonds, purification plant and improving reservoir, etc. J. W. Shikles & Co., New York Life Bldg., Kansas City, engrs.

Tex., Anson—Voted $30,000 bonds, waterworks improvements, additional mains, etc. in various streets. Address Mayor.

Tex., Copperas Cove—Voted $30,000 bonds waterworks, incl. tank, towers, etc. W. P. Gibson, mayor.

Tex., Florence—Plans new waterworks. $31,000. O. B. Atkinson, mayor.

Tex., Frost—Voted $65,000 bonds purchasing present waterworks plant and constructing mains, etc. H. B. McAllister, Waco, engr.

Tex., Hubbard—Voted $75,000 bonds purchasing present waterworks plant and enlarging same. Address, Mayor.

Tex., Mabank—Making plans waterworks, $60,000. Municipal Engineering Co., Praetorian Bldg., Dallas, engrs.

Tex., Mexia — Making plans extending mains, etc. in various streets. $25,000. R. D. Morgan, Mexia, engr. Noted Aug. 27.

Okla., Altus—Making surveys improving waterworks, incl. 18 mi. mains, reservoir addition, etc. Benham Eng. Co., 512 Gumble Bldg., Kansas City, Mo., engrs. Noted May 14.

Okla., Muskogee—Defeated $225,000 bonds, new filtration plant. Burns & McDonnell, 402 Interstate Bldg., Kansas City, Mo., engrs. Noted Aug. 20.

Okla., Tallhina — Making plans waterworks improvements, incl. new well, pump, mains, etc. $16,000. W. Cooper, mayor. Engineer not selected.

Wash., Prosser—Plans election $125,000 bonds, for 30,000 gal. reservoir and new water system.

Wash., Seattle—Bd. Pub. Wks. rejected bids Aug. 15, mains in Hinds St. et al. $160,181. Noted Aug. 27.

BIDS DESIRED

Conn., Wallingford—Taking bids filtration plant. $60,000. W. A. McKenzie, city engr. Noted Aug. 7.

N. Y., Brooklyn—Sept. 8, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City water mains, etc. in Ocean Parkway, Kings Highway and Ave. I, here.

N. J., Pennington—Sept. 14, by Boro Council, 60,000 gal. water storage tank. H. J. Laning, Pennington, engr.

Pa., Coraopolis—Sept. 14, by E. E. Lothrop, boro mgr., 1018 5th Ave., c.i. pipe and special castings; adv. E. N.-R. Sept. 3.

Pa., Masontown—Sept. 21, by Boro Council, Boro Hall, improving and extending waterworks. Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, engrs.; adv. E. N.-R. Sept. 3.

Pa., Phila.—Sept. 8, by Dept. Pub. Wks., Bureau of Water, 2,800 lin.ft. 36 in. each c.i. and steel mains, etc. in Chelton St., Contr. 764; one Shippley derrick on roof Contr. 771, railroad siding Contr. 772, and 1,100 tons filter sand and 1,000 tons filter gravel, Contr. 773, at Towesdale filter plant; and one hundred each 3- and 4-in. valves, Contr. 774.

Miss., Gulfport—Sept. 8, by C. J. Darby, supt. Schools, alternate bids on deep well with guaranteed flow 18 in. above ground also unit process on same 3 in. diam. 40 ft. strainer, 2 joints of galvanized iron pipe at top of ground, for Dedeaux Consolidated School of Harrison Co.

O., Cleveland—Sept. 9, by Com. Cuyahoga Co., 2,700 ft. 8- to 12-in. c.i. mains in Elm and Columbia Rds., Impvt. 752. $15,000. F. Williams, Court House, engr.

O., Maple Heights (mail Cleveland)—See "Streets and Roads."

BIDS RECEIVED

N. Y., Brooklyn—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Aug. 28, mains, etc., in Alabama, Atlantic, Hegeman, Jerome, Nostrand, Porter, 7th and 8th Aves., In-

Waterworks (Continued)

graham and Sackman Sts., from Norton & Rigney, $13,000. Noted Aug. 20.

N. Y., St. George—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Aug. 28, pumping and generating plant in New Clove Pumping Sta., here, from Fox Reynolds Co., Inc., 81 East 125th St., New York City, $99,800; masonry work from Wiglan Building Co., 145 West 45th St., New York City, $40,555. Noted Aug. 13.

CONTRACTS AWARDED

Mass., East Bridgewater — Bd. Water Comrs., Town Hall, furnishing about 6,552 ft. 12 in. c.i. pipe f.o.b. here, to U. S. Cast Iron Pipe & Fdry. Co., 71 Bway., New York City. $53 per ton, also laying above pipe in various streets, to G. Ferullo, 31 North Sq., Boston. Noted Aug. 6.

Ill., Fairfield—City, pumping station and equipment, filtration plant, intake, 7 mi. 10 in. pipe line to Little Wabash River, etc., to G. L. Dunbar, 3701-A, Wyoming St., St. Louis, Mo., $137,500. Noted Aug. 13.

Ill., Herrin—Waterworks, incl. reservoir, pumping equipment, force and distribution mains, to McElligott Constr. Co., Evanston, $640,000.

Minn., Fairmont — H. J. White, secy. Water & Light Comn., furnishing about 6,373 ft. 6- to 16-in. c.i. mains and 8 tons fittings, to U. S. Cast Iron Pipe & Fdry. Co., 625 Plymouth Bldg., Minneapolis, $19,125; and installing same in various streets, to J. W. Turner Impvt. Co., 309 Youngerman Bldg., Des Moines, Ia., $6,985. Noted Aug. 6.

Minn., Minneapolis—F. S. Gram, city purch. agt., alum handling equipment for new filter plant (now under construction), at Fridley, to Dust Recovery & Conveying Co., 2130 St. Clair Ave., Cleveland, O., $13,250. Noted July 16.

Minn., Paynesville—J. F. Chisholm, village clk., extending 8,500 lin.ft. 4- to 8-in. c.i. mains, etc. in various streets, to K. C. Richards, Paynesville. Noted July 16.

Okla., Elk City — City, new waterworks, incl. dam spillway, filter plant, pumping station, pipe lines, tank, transmission line, valves, hydrants, filter equipment, etc., to Standard Paving Co., 1742 East 16th St., Tulsa, $289,088. Engrs. est. $336,000. Noted July 16.

Okla., Idabel—City, waterworks improvements, incl. new filter plant, pumps, motors, filter equipment, Diesel oil engine, meters, generator, and transmission line to Rover pumping station, to G. M. Brown, 6th and Peoria Sts., McAlester, $45,570. Engrs. est. $50,000. Noted Aug. 6.

Que., Montreal — For 4 ft mains from pumping station to Berri St., to Atlas Constr. Co., Belmont St., $470,580.

Sewers

PROPOSED WORK

Mass., Lynn—Plans outfall sewer in Lynn Harbor. $25,000 or more. Comn. on Ways & Drainage, City Hall, engr.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., rejected bids, Aug. 20, sewer in College Ave. Noted Aug. 27 under "Streets and Roads."

N. J., Metuchen—Plans 8 in. vitr. sewer in 18 various streets, $50,000. E. A. Burroughs, city clk.

Fla., St. Petersburg — Election Sept. 8, $365,000 bonds, sewage disposal plant, and $443,000 bonds for storm sewers and catch basins. S. S. Martin, dir. Finance.

Tenn., Dickson—Election Sept. 15, $100,000 bonds, sewers in various streets.

O., Barberton—Plans extending East Side sanitary and storm sewers. $30,000. H. Alcorn, Barberton, engr.

O., Kenmore—Plans sanitary sewer laterals to connect with proposed trunk sewer, $120,000; also sanitary trunk lines connecting with Akron Line at Summit Lake territory, $360,000. D. P. Dowling, Kemore, engr.

Ia., Des Moines—Takes bids in October 19,786 ft. 10- to 24-in. vitr. clay sewers, 40 cast iron manholes, 22 junction holes, etc. in Beaver Ave. Sewer Dist. K. C. Kostberg, city engr. Noted March 27.

Ill., Joliet—See "Unclassified."

Tex., Abilene—Voted $50,000 bonds, disposal plant and extending present system. Jno. B. Hawley, Cotton Exch. Bldg., Fort Worth, engr. Noted July 23.

Tex., Anson—Voted $30,000 bonds improving sewers, additional mains, etc. in various streets. Address Mayor.

Tex., El Campo—Election Sept. 12, $60,000 bonds, sewers in various streets. B. D. King, El Campo, engr.

Tex., Houston—Soon takes bids storm sewers in Texas Ave. from Fannin to Austin Sts. J. C. McVea, city engr.

Okla., Kingfisher—Making preliminary plans new outfall sewage disposal plant and sewers in various streets. $30,000. W. Ash, city comr. Engineer not selected.

BIDS DESIRED

Mass., Boston—Sept. 8, by Dept. Pub. Wks., Boston, sewerage works in various streets in West Roxbury; Sept. 9, in East Boston; and Sept. 10, in Brighton. $25,000. J. A. Rourke, comr.

Mass., Lynn—Oct. 6 (extended date), by Comn. on Ways & Drainage, at office Purchasing Agent and City Engineer, City Hall, 60 in. c.i. outfall sewer in Lynn Harbor. Morris Knowles, Inc., engrs.; adv. E. N.-R. Sept. 3. Noted Aug. 27.

R. I., Providence—Sept. 8, by Bd. Contr. & Supply, sewerage works in various streets. $25,000. J. H. Gainer, chn.

N. Y., Long Island City—Sept. 8, by M. E. Connolly pres. Queens Boro, Queens Subway Bldg., sewers, etc. Utopia Parkway, Sanford and 35th Aves., 157th and 172nd Sts., 3rd Ward; in Middagh St., Queens and Laurel Hill Blvds., Metz and Sinclair Aves., 2nd Ward.

N. Y., Long Island City—Sept. 10, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers, etc. in Monteverde Ave. about 200 ft. south of Falkner St., and temporary connection to existing sewer, and in 37th St. (Junction Ave.) to point about 470 ft. south of center line of Patterson Ave., 2nd Ward; sewers in 170th St., 3rd Ward, and in Chichester Ave., 4th Ward.

W. Va., Dunbar—Sept. 8, by W. T. Moore, mayor, Project 1, 21,326 ft. 6- to 30-in. pipe sewer, 16 manholes, etc.; Project 2, 3,110 ft. 8 in. pipe sewer, Project 3, 5,818 ft. 6- to 18-in. pipe sewer, 8 manholes, etc.; Project 4, 2,540 ft. 6- to 15-in. pipe sewers, 3 manholes, etc., Project 5, 2,005 ft. 8 and 12 in. pipe sewer, etc.; Project 6, 2,238 ft. 6 and 12 in. pipe sewer, 3 manholes, etc.; and Project 7,416 ft. 8 in. pipe sewer. O. L. Williams, city clk.

N. C., Elizabeth City — Sept. 23, by Utilities Comrs., Mayor and Bd. Aldermen, Chamber of Commerce, storm drain ge lines and sanitary sewerage system in Zones 1 and 3, incl. two rein.-con. pumping stations, etc. W. C. Olsen, consult. engr. adv.; E. N.-R. Sept. 3.

Fla., Tampa — Sept. 15, by City, W. L. Brown, city mgr., 17,000 lin.ft. 8 and 10 in. vitr. and 2,000 ft. 12 in. c.i. sewers in Sects. 22 and 23. $25,000. R. D. Martin, City Hall, engr.

Ky., Louisville — Sept. 25, by Commissioner of Sewerage, Board Trade Bldg., 3rd and Main Sts., for Shelby St.-Fetter Ave. Sewer, Contr. 21. J. B. F. Breed, ch. engr.; adv. E. N.-R. Sept. 3.

O., Cleveland—Sept. 9, by Comrs. Cuyahoga Co., 6,700 ft. 8 and 54 in. concrete or segmental sewers in Columbia, Elm, Grace and Mastrick Rds., Impvt. 700. To exceed $25,000. F. Williams, Court House, engr.

O., Maple Heights (mail Cleveland)—See "Streets and Road."

Mich., Detroit—Sept. 14, by G. A. Dingman, engr., Wayne Co. Bldg., Detroit, 15,766 ft. head drain, 2 ft. bottom width, 2.57 to 4.25 ft. deep, for Wayne Co.

Mich., Grand Rapids—Sept. 23, by Director Pub. Serv. Comn., Room, City Hall, constructing Bway. Ave. Relief Sewer, Contr. R-3. F. H. Locke, city mgr.; adv. E. N.-R. Sept. 3.

Mich., Lincoln Park—Sept. 18, by Wayne Co. Drain Commissioner, Detroit, constructing 18 sections Snow Drain in Ecorse Twp., 2,065 ft. 72 in., 1,112 ft. 60 in., 905 ft. 54 in., and 823 ft. 48 in. monolithic concrete; 2,792 ft. 24 in. vitr. crock, 3,312 ft. 18 in. and 2,656 ft. 15 in. crock pipe. G. A. Dingman, County Bldg., Detroit, engr.

Mich., Plymouth — Sept. 14, by S. D. Strong, village mgr., sewer across Rouge River, and sewage treatment plant. Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Wheaton—Sept. 8, by Sanitary Dist. of Wheaton, sewer pipe, manholes, etc. A. L. Webster, Wheaton, ch. engr. Avord, Burdick & Howson, Hartford Bldg., Chicago, consult. engrs.; adv. E. N.-R. Sept. 3.

Ill., Taylorville—Sept. 17, by Bd. Trustees Taylorville Sanitary Dist. outfall sewer and sewage treatment plant. Kelker, De Leuw & Co., 111 West Washington St., Chicago, consult. engrs.; adv. E. N.-R. Sept. 3.

Wis., Manitowoc—Sept. 8, by A. H. Zander, city clk., 2,501 ft. 8- to 15-in. storm and 8,395 ft. 8- and 10-in. sanitary sewers, etc. in various streets. To exceed $25,000. F. Alter, City Hall, engr. Noted Apr. 24.

BIDS RECEIVED

N. Y., Brooklyn—J. A. Guider, Boro pres., Boro Hall, Aug. 26, sewers in 60th St., from C. F. Vacharas, 645 40th St., $1,368,712; in Rockaway Parkway, from Tomassetti & Co., Inc., 1133 60th St., 0.6845% of engrs. est. ($25,446); in Elmore Pl. and East 37th St., from R. Iovino, 0.725% of engrs. est. ($4,193) and 0.7404% of engrs. est. ($1,572) respectively. Noted Aug. 20.

O., Cincinnati—City, 1,050 ft. 12- to 24-in. vitr. clay and 1,360 ft. 30- to 42-in. trunk sewer in Elkins Alley, Court and Elm Sts., from J. B. McLane & Co., 337 York St., Newport, Ky., $34,141. Engrs. est. $40,250. Noted Apr. 9.

Minn., St. Paul — City, Aug. 11, sewer and laterals in Otto Ave. Extension 3, from Thornton Bros., 318 Endicott Bldg., $29,887.

Wash., Seattle—Bd. Pub. Wks., Aug. 15, sewers in 61st Ave. S. et al., from Scalzo & Co., 1708 22nd St. S., $100 322.

CONTRACTS AWARDED

N. Y., Albany—See "Streets and Roads."

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, sewers in Clove Rd., to G. Orricco, 500 Butler Ave., Concord, $115,398. Noted Aug. 20.

Pa., Phila.—Bureau of Engineering, storm water and drainage ditches for South Phila. Impvt. Dist., Plan B, to E. Fay & Son, 2 South Mole St., $312,310. Noted Aug. 20.

Pa., Phila.—Bd. Pub. Wks., Bureau of Engineering, Wing hocking Sewer in McAlester Ave. and Cayuga St., to McLean Constr. Co., 1415 Fidelity Bldg., Baltimore, Md., $505,965; and grading, etc., at Northeast Sewage Treatment Wks., to Union Paving Co., 30th and Locust Sts., $88,211. Noted Aug. 27.

Pa., York—City; addition and improvements to sewage disposal plant, to P. R. Hostetter, York. Engrs. est. $75,000. Noted July 30.

Md., Baltimore—Mayor and City Council, 500,000 lbs. manhole sewer inlet and similar iron castings listed in Contr. 55, for Bureau of Sewers, to Amer. Brake & Shoe Fdry. Co., Fulton Station, $13,620.

O., Cleveland—City, 1,990 ft. 3 C, 9,681 ft. 12- to 24-in. vitr. tile sewer in Triskett Rd., to S. N. Khury, 3511 Walton Ave., $58,307. Noted July 30.

O., Salem—Reconstructing two new beds at sewage disposal plant, to S. Urslan, Genl. Del., Akron, $26,595. Engrs. est. $30,000. Former contract rescinded. Noted April 16.

Ill., Belleville—See "Streets and Roads."

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, Comr., to Wenzel & Henoch Co., 498 27th St., sewers in Cleveland Ave. $5,059 and 59th St., $1,725; to G. E. Zimmermann, 3402 Grand Ave., in Western Ave. $1,779, Fiebrantz St. $4,656, Reynolds St. $1,165, 60th St. between Vliet St. and Menomonee Dr. $23,721 and 60th St. between North and Meinecke Aves. $1,649; to W. T. Werner, 675 Hi Mount Blvd., in Melvina St. $764 and 20th St., $1,834; and to Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., in 49th St., $1,067. Grand total $43,419. Noted Aug. 27.

Ia., Des Moines—City, 15- to 48-in. storm sewers in 23rd St. Storm Sewer Dist., to Wilson Concrete Co., 8th and Elm Sts. $40,004.

Minn., Paynesville — J. F. Chisholm, village clk., 25,700 ft. 8- to 15-in. vitr. sewers, 64 manholes, etc., in various streets to K. C. Richards, Paynesville. Noted July 16.

Kan., Newton—Sanitary sewers in Dists. 4, 5 and 6, to Burt & Tripp, Herrington, $27,681. Noted July 30.

Tex., Yorktown—City will lav additional sewer mains in various streets, by day labor under supervision. A. B. Clenny, engr., Dallas. $50,000. Noted May 14.

Wash., Ryderwood — City, disposal plant and complete sewerage system, 20,000 ft. 4- to 8-in. concrete pipe, eight hundred 4 in. concrete Y's and bends, etc., to Jacobsen & Jensen, 407 Stanton St., Portland, Ore.

Ont., Cornwall—Town, Fly Creek Trunk Drainage Sewer, 8,800 ft. 3 ft. diam. rein.-con. pipe, to McLean & Stidwell, Cornwall. Engrs. est. $70,000. Noted July 30.

Waste Disposal

BIDS DESIRED

N. Y., Long Island City—Sept. 8, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., refuse destructor with electrical work and appliances, Betts Ave., 2nd Ward.

Bridges

PROPOSED WORK

Mass., Dennis—Plans new concrete bridge over Swan Pond River. $25,000. Engineer not selected.

Md., Baltimore—Mayor and City Council making plans concrete and steel bridge over

Bridges (Continued)

North Point Rd. $150,000. Whitman, Requardt & Smith, 18 East Lexington St., engrs.

Fla., St. Petersburg — Election Sept. 8, $110,000 bonds, for rein.-con. bridges. S. S. Martin, dir. Finance.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., making plans and specifications for bridge over Chicago, Milwaukee & St. Paul R.R. tracks and Chicago & Northwestern R.R. tracks, at 6th St. $50,000. A. Pergande, 369 Herman St., Milwaukee, engr. Noted Aug. 20.

Ia., Sioux City—Plans viaduct over Sioux City Service Co. and Chicago, Milwaukee & St. Paul R.R. tracks $30,000. L. N. Hintgen, city engr.

Kan., Atchison—Atchison Co. called off election Aug. 4. $150,000 bonds for bridges and repairs. J. R. Gilman, co. clk. Noted July 30.

Kan., Oskaloosa—Jefferson Co. making preliminary plans 220 ft. concrete and steel bridge at Valley Falls, 90 ft. Marsh arch bridge at Williamstown and 80 ft. marsh arch span at Rock Creek Bridge. R. C. Ham, Oskaloosa, co. engr. Kansas Eng. Co., 1233 Western St., Topeka, engrs.

Tex., McKinney — See "Streets and Roads."

BIDS DESIRED

New Hampshire—See "Streets and Roads."

Pa., Phila.—Sept. 9, by Pub. Wks. Bureau of Engineering, 76 ft. steel encased concrete bridge, 70 ft. to carry 2nd St. over Luzerne St. $100,000.

Virginia—See "Streets and Roads."

W. Va., Roach (mail Salt Rock)—Sept. 23, at office R. S. Douthat, clk. Cabell Co., Huntington, superstructure 5 span steel bridge across Guyandotte River, here. J. M. Oliver, co. engr.; adv. E. N.-R. Sept. 3.

N. C., Belhaven—Sept. 7, by Road Comn. Beaufort Co., Washington, removing old bridge and constructing new bridge over Pantego Creek, here, incl. 440 ft. creosoted piling and 193,000 ft. creosoted lumber.

O., Cincinnati—Sept. 25, by Comrs. Hamilton Co., rebuilding concrete superstructure for 4 span 224 ft. bridge, on Kilby Rd. $25,000. E. A. Gast, Court House, engr. Noted Aug. 27.

Wisconsin—See "Streets and Roads."

Texas—See "Streets and Roads."

Tex., Anderson—Sept. 14, by R. W. Barry, judge Grimes Co., concrete bridge and culverts on 56 mi. roads in Dists. 7 and 8. $30,000. O. A. Seward, Jr., Navasota, engr.

Tex., San Diego—See "Streets and Roads."

BIDS RECEIVED

Mass., Dorchester (Boston, P. O.)—Metropolitan Dist. Comn., 1 Ashburton Pl., 88 ft. concrete and steel highway bridge, 54 ft. incl. 1,200 cu.yd. grading, 5,750 ft. concrete piles, etc., on Mt. Vernon St., here, from Coleman Bros., 245 State St., Boston, $117,925.

N. Y., Buffalo—Commissioner Pub. Wks., concrete plate girder bridge at South Park Ave., substructure, from Great Lakes Dredge & Dock Co., D. S. Morgan Bldg., $84,000; superstructure, from W. S. Meserve, 245 Elmwood Ave., $25,276. Noted Aug. 13.

North Carolina — State Hy. Comn., Raleigh, Aug. 25, rein.-con. bridges and culverts on Project 193, Tyrrell Co., from Peterson & Earnhardt, Montgomery, Ala., $110,910; on Project 720-B, Caldwell Co., from Booz-Boyd Co., Wilson, $119,418. Noted Aug. 20.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., Aug. 19, 180 to 190 ft. steel bridge, 42 ft., at Mead St., from E. E. Gillen Co., 288 East Water St., Milwaukee, $55,000. Noted Aug. 13.

Tex., Sulphur Springs—See "Streets and Roads."

CONTRACTS AWARDED

Massachusetts—See "Streets and Roads."

Pa., Hepburnville—Comrs. Lycoming Co. (Williamsport), L. O. Bower, chn. clk., removing present bridge 50 ft. and constructing 4 span, 240 ft. rein.-con. girder bridge, 33 ft., etc., here, to J. M. Sanders, Williamsport, $60,200. Noted Aug. 13 under "Williamsport."

West Virginia—State Hy. Comn., Charleston, to Pittsburgh-Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., East Madison Bridge 654, 2 span, 340 ft. steel superstructure, Project 3151-C, Boone Co. $27,670, Little Sandy Bridge 914, 1 span 120 ft. steel superstructure, Project 3206, Kanawha Co. $9,980; to Hardman & Minns, Spencer, East Madison Bridge 654, concrete substructure, Project 3151-C, Boone Co. $15,748, Sycamore Bridge 952, 2 span, 100 ft. concrete deck girder bridge, Project 3164, Jackson Co. $21,659, Cairo Bridge 839, 1 span, 180 ft. concrete substructure, Project 3115, Ritchie Co. $12,154, and Upper Spring Creek Bridge 715, 2 span, 102 ft. concrete deck girder, Project 2089, Roane Co. $17,665; to E. R. Mills, Newport, Ky., Moorefield Bridge 739, 2 span, 180 ft. steel superstructure, Project 62, Hardy Co. $41,421 and Big Sandy Bridge 860.1, 1 span, 145 ft. steel superstructure, Project 3231, Kanawha Co. $16,853; to Vincennes Bridge Co., Vincennes, Ind., Bridgeport Bridge 837, 1 span, 85 ft. steel pony truss superstructure, Project 3269, Harrison Co. $9,843, West Landgraff Bridge 723, 1 span, 120 ft. steel superstructure, Project 2048-B, McDowell Co. $13,125, Beverly Bridge 974, 1 span, 80 ft. steel pony truss superstructure, Project 3210, Randolph Co. $5,481, Cairo Bridge 839, 1 span, 180 ft. steel superstructure, Project 3115, Ritchie Co. $21,452, and French Creek Bridge 993, 1 span, 60 ft. steel pony truss superstructure, Project 3277-B, Upshur Co. $5,355; to Hatfield Constr. Co., 418½ 10th St., Huntington, Coopers Creek Bridge 1009, 1 span, 120 ft. substructure, Project 148-B, Kanawha Co. $14,854 and Little Sandy Bridge 914, rein.-con. substructure, Project 3206, Kanawha Co. $17,595, to Clark & Lewis, Luray, Va., East Rainelle Bridge 991, 2 span, 60 ft. concrete deck girder substructure, Project 77, Greenbrier Co. $16,714; to W. W. Cornwell, Bridgeport, Bridgeport Bridge 837, 1 span, 85 ft. concrete substructure, Project 3269, Harrison Co. $6,120; to Skene & McAlpin, Pt. Pleasant, West Creek Bridge 1001, 1 span, 35 ft. concrete deck girder substructure, Project 39-A, Mason Co. $9,001; to Woolfork & DeJarnette, Princeton, Camp Creek Bridge 1000, 1 span, 90 ft. concrete arch substructure, Project 121, Mercer Co. $13,447; to J. L. Janutolo & Co., Fayetteville, West Landraff Bridge 723, 1 span, 120 ft. substructure, Project 2048, McDowell Co. $4,950; to P. Williams, Elkins, Beverly Bridge 974, 1 span, 80 ft. concrete substructure, Project 3210, Randolph Co. $3,340; to O. A. Queen, Buckhannon, Mill Race Bridge 978, 1 span, 20 ft. concrete arch substructure, Project 3143-A, Tucker Co., $10,874; to Smallridge Bros. & Co., French Creek, French Creek Bridge 993, 1 span, 60 ft. concrete substructure, Project 3277-B, Upshur Co., $8,219. Grand total $301,620. Noted Aug. 13.

Alabama—State Hy. Comn., Montgomery, small bridges on Camden-Butler Co. line Rd., Wilcox Co., to Stallworth Bros., Pineapple, $28,000; on Birmingham-Warrior Rd., Jefferson Co., to Lang & Jones, and A. M. Cook, Wartsburg, Tenn., $78,339. Noted July 23.

Ala., Geneva—State Hy. Dept., Montgomery, 2 concrete bridges, one over Chattawhatchee River and other over Double Bridge Creek, both near here, Geneva Co., to E. Pettus, Montgomery, $77,053. Engrs. est. $77,100. Noted July 23 under "Alabama."

O., Point Pleasant—State Hy. Dept., Columbus, Grant Memorial Bridge, steel, 200 ft. long with 24 ft. roadway near here to Brookville Constr. Co., Brookville, $62,193.

Nebraska—See "Streets and Roads."

Montana—State Hy. Dept., Helena 632 ft. I-beam bridge over Two-Medicine Irrigation Canal, to J. F. Harrington, Missoula, $50,130; and 3 span, 56 ft. I-beam bridge over Lodge Grass Creek, also 90 ft. steel pony truss bridge over Little Big Horn River, and 31 ft. I-beam bridge in above section, to W. P. Roscoe, Billings, $20,357.

Tex., Boston—See "Streets and Roads."

Dams

BIDS DESIRED

Ill., Streator—Sept. 21, by Streator Aqueduct Co., R. D. Huggans, supt., concrete dam and appurtenances. Maury & Gordon, 1445 Monadnock Bldg., Chicago, consult. engrs.; adv. E. N.-R. Sept. 3. Noted July 30.

CONTRACTS AWARDED

Okla., Mangum—Mangum Country Club, earth fill dam, to W. T. Robison, Ardmore, $16,994.

Railways

PROPOSED WORK

Kansas and Texas—Chicago, Rock Island & Pacific R.R. Co., La Salle Sta., Chicago, Ill., has been authorized by Interstate Commerce Comn. to build 145 mi. track from Liberal, Kan., to Amarillo, Tex. C. A. Morse, ch. engr.

Texas—Jefferson & Northwestern Ry. Co. Jefferson, plans extending line 9 mi. from Marietta to Naples, Cass Co. $75,430. H. B. Montgomery, Jefferson, ch. engr.

BIDS DESIRED

Illinois—See "Contracts Awarded."

Quebec—Rouyn Mines Railway Co., c/o Canadian Natl. R.R. Co., Montreal, taking bids railway line from O'Brien to mineral fields in northwestern part of province. S. J. Hungerford, engr.

BIDS RECEIVED

Massachusetts—Transit Dept., 1 Beacon St., Boston, Aug. 27, constructing Sect. 1 Dorchester Rapid Transit road bed platforms, bridges, etc., in Boston, from M. F. Gaddis, 2A Victoria St., Dorchester, $536,380. Noted Aug. 16.

CONTRACTS AWARDED

Illinois — Alton & Southern R.R. Co., Oliver Bldg., Pittsburgh, Pa., will build 4 mi. track from Mitchell to Granite City, by own forces. Grading has been done and will lay 85 lb. rails. $300,000. A. E. Fickes, ch. engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Fla., St. Petersburg — Election Sept. 8, $45,000 bonds dredging at Mirror Lake, and $36,000 bonds for enlarging drainage ditches and extending 1st Ave. loop. S. S. Martin, dir. Finance.

Miss., Greenville—Mississippi Levee Bd., c/o G. M. Baggett, pres., 120,000 cu.yd. new levee at Lake Jackson, to Noble, Elkas & Weathers, Fayette, at $0.384 per cu.yd.

Ill., Chicago—Lincoln Park Comrs., Center and Clark Sts., making plans dredging in Lake Michigan and filling in 100 acres new land. $2,000,000 bonds authorized and other improvements. C. H. Gremley, ch. engr.

Wis., Racine — Root River D. D., c/o J. J. Degen, engr., Burlington, making plans excavating and tiling to improve above district, Racine Co. $33,000.

Ia., Council Bluffs—Pottawatomie Co. making preliminary plans 8 mi. ditches in Cass-Pottawatomie Dist. $56,000. B. J. Conlon, Council Bluffs, engr.

Kan., Wichita — North Wichita D. D. making preliminary plans open ditch work, tiling, sluice gates, etc. $400,000. Clark E. Jacoby Eng. Co., 700 Interstate Bldg., Kansas City, Mo., engrs. Noted Aug. 6.

Ark., Osceola—Grassy Lake D. D., (Sub. D. D. 3 of D. D. 9, Mississippi Co., c/o J. T. Coston, Atty., postponed construction project to protect 173,000 acres, incl. 12,000,000 cu.yd. excav. $2,000,000. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs. Noted Nov. 6.

Tex., Brownsville — Cameron Co. voted $1,500,000 bonds for irrigation project, incl. construction large levees in Hidalgo Co., also to gather overflow waters into main channels and conduct them through Cameron and Willacy Counties, and then into the Gulf of Mexico. Total cost $4,000,000. Each County is to take care of its part of project. W. O. Washington, Brownsville, Co. engr. W. E. Anderson, Brownsville, consult. engr. Noted July 23.

Tex., Donna—Voted $330,000 bonds, irrigation work incl. dredging canals, pumps, etc. in Donna Irrigation Dist. of Hidalgo Co. Address Secretary Donna Irrigation Dist.

Tex., Edinburg—Hidalgo Co. election Sept. 5, $250,000 bonds to purchase canals and pumping plant on Llano Grande Plantation Co. at $129,950, balance for additional canals and meters, etc. A. Tamm, Harlingen, engr.

Tex., El Paso—R. B. Kimbrough making plans diverting 900 acre foot of water from Rio Grande River for irrigation purposes. $40,000. Private plans.

BIDS DESIRED

Mass., Falmouth—Sept. 10, by Dept. Pub. Wks., Div. Waterways, Boston, dredging about 22,500 cu.yd. material and removing 100 tons boulders in West Falmouth Harbor, here. W. T. Williams, comr.

N. Y., Thomson—Sept. 25, by R. K. Fuller, comr. Canals & Waterways, 55 Lancaster St., Albany, excavating approach channel to barge canal terminal dock, here, Terminal Contr. 34-D. $31,720; adv. E. N.-R. Sept. 3.

Fla., Hollywood—See "Contracts Awarded."

Ill., Crete—Sept. 9, by Comrs. D. D. 5, Crete Twp., at residence of F. Bramer, 5 mi. East of here, cleaning out 6.5 mi. open ditch, 49,671 cu.yd. excav., etc. F. E. Gaines, Crete, city clk.

Ill., Meredosia—See "Pittsfield."

Ill., Pittsfield—Sept. 8, by Bd. Comrs. McGee Creek Levee & D. D. of Brown and Pike Counties, at office Williams & Williams, attys., Pittsfield, 2 mi. open ditch,

Excavation, Drainage, Irrigation, Levees (Continued)

incl. 88,539 cu.yd. excav., also furnishing and installing two 36 in. centrifugal pumps, two 300 hp. Diesel or semi-Diesel engines, 260 ft. suction and discharge pipe, pile and concrete foundation, etc. at Meredosia. Address W. H. Irving, Meredosia, and Williams & Williams, Pittsfield.

CONTRACTS AWARDED

Fla., Hollywood—Hollywood Development & Harbor Co., J. W. Young, pres., received permit to construct entrance channel, jetties and harbor, here, 17 mi. north of Miami. Work will be done by company forces. $15,000,000. F. C. Dickey, ch. engr., and General Goethals, consult. engr. Contracts for hydraulic dredges have been awarded to Ellicott Machine Corp., Bush and Severn Sts., Baltimore, Md.

Neb., Falls City—C. F. Bucholz, secy. Richardson Co., D.D. 1, 165,000 cu.yd. excav., to F. M. Crane & Co., 6141 Florence Blvd., Omaha, at $0.075 per cu.yd. Noted Aug. 27.

Ont., Sugar Island — Dept. Pub. Wks., Ottawa, revetment wall and reclamation project, here, to M. Sullivan Dredging Co., Amherstburg. Engrs. est. $50,000.

Streets and Roads

PROPOSED WORK

Mass., Charlestown (Sta. Boston)—Street Layingout Dept., Boston, plans constructing Linwood Pl. as highway, here. $25,000. J. F. Sullivan, secy.

Mass., Dorchester (Boston P. O.)—Street Layingout Dept., Boston, plans reconstructing Norwood St. as highway, here. $25,000. J. F. Sullivan, secy.

Pa., Pittsburgh—Making plans grading, curbing and paving Kramer St. between Boggs Ave. and Walden St., $25,000; also Forbes St. between Beechwood St. and Braddock Ave., $131,000. Dept. Pub. Wks., City County Bldg., engr.

W. Va., Beckley—Town Dist. voted $300,000 bonds for improving roads in Raleigh Co. W. J. Campbell, Beckley, engr. Noted Aug. 6.

W. Va., Beckley—Raleigh Co. plans grading and paving 20 mi. various roads in Town Dist., 16 ft. L. M. Dorsey, Beckley, engr.

W. Va., Clarksburg—Harrison Co. plans grading and paving 10 mi. Clarksburg-Buckhannon Pike, 16 ft., Elk Dist. $400,000. State Road Comn. appropriates $150,000 toward cost. G. L. Doyle, Clarksburg, engr.

W. Va., Fairmont — Soon takes bids paving 7,500 ft. Speedway. $60,000. S. S. Miller, city engr.

W. Va., Ripley — Grant Dist. election Sept. 15, $102,000 bonds for improving roads, Jackson Co. E. Staats, co. clk.

N. C., Raleigh—Plans paving 25 blocks 18 various streets. C. C. Page, comr. Pub. Wks.

N. C., Raleigh—Wake Co. election Oct. 20, $1,300,000 bonds hard-surfacing various roads. M. Mial, Raleigh, comr.

N. C., Salisbury—Bd. Aldermen authorized $123,000 bonds, paving 2 mi. various streets.

Fla., Appalachola—Franklin Co. plans election $250,000 bonds improving various roads.

Fla., Brookville—Hernando Co. plans election $32,000 bonds completing Rerdell and Spring Lake Rds., $47,000 bonds for Istachatta and Hammock Rds.; $35,000 bonds constructing roads from Bay Port to Price Island, $58,370 bonds 6½ mi. Tucker Hill Rd. to near Croom, $50,000 bonds 8 mi. Brooksville State Rd. 5 north to Citrus Co. line, $28,160 bonds 3.75 mi. State Rd. 5, south of Brooksville to Spring Hill Rd. and via Aripeka Rd., $29,178 bonds Center Sect. 25 on Brooksville Spring Lake to Top Hope Hill also Hammock Rd. in Ayers, $27,098 bonds 4 mi. Rital and Richloam Roads via Pasco Co. line, etc., $27,899 bonds 4.25 mi. Richloam via Pasco Co. line and Mondon Hill Rd. to Spring Lake Rd., $37,196 bonds 5 mi. Dade City-Sprink Lake Rd., $75,106 bonds 8.5 mi. Spring Lake Rd. via Mitchell west to State Rd. 5, $29,469 bonds 4.25 mi. State Rd. 5 to Hammock Mail Rd., $30,819 bonds 4.25 mi. Lake Lindsay Filliny Sta. to Hammock Mail Rd., $29,006 bonds 4 mi. State Rd. 5 to Hammock Rd., $99,604 bonds 13.5 mi. road from Withlacoocree River west and south $86,856 bonds 7.25 mi. road from State Rd. 15 north to Military Landing and Bay Port Rd., $33,938 bonds 4.25 mi McKeown Branch and north from Spring Hill and Tucker Rd., $133,000 bonds 17 mi. Spring Hill to Pasco Co. Line, $32,352 bonds Spring Lake and Methodist Church Section of roads. H. C. Mickler, clk.

Fla., Holly Hill—Soon takes bids paving 60,000 sq.yd. various streets. N. A. Hotard, New Smyrna, engr.

Fla., Pinellas Park—Plans constructing various streets. $491,473. M. E. German, town clk.

Miss., Columbus—Making plans grading, curbing and Warrenite bitulithic paving 666 ft. West Canal St., 603 ft. West Washington St., 2,065 ft. South and North Long Sts., 709 ft. Columbus St., 1,980 ft. James St., 1,238 ft. Hickory St., 602 ft. College Pl., 1,870 ft. South Meridian St., and 279 ft. North Franklin St.; 6 in. concrete surfacing 2,046 ft. Monroe St. and 2,046 ft. Jefferson St., 26 ft. A. L. Dabney, 820 Columbian Tower Bldg., Memphis, Tenn., engr.

Miss., Winona—Montgomery Co. election Sept. 5, $75,000 bonds, improving roads in Beats 4 and 5.

Miss., Woodville—Wilkinson Co. soon takes bids gravel surfacing, etc. 9 mi. Woodville-Louisiana State Line Rd., 18 ft. $40,000. W. L. Hays, c/o clk. Noted Mar. 12.

La., Alexandria—Rapides Parish election Sept. 22, constructing Consolidated Rd. Dist. A.

La., Lake Charles—Voted $150,000 bonds constructing Evangeline Highway, in Wards 5 and 6.

Tenn., Athens—McMinn Co. plans improving 25 mi. Etawah-Monroe Co. line Rd. $60,000.

Tenn., Chattanooga—Hamilton Co. plans concrete surfacing road from Glendale to Signal Mountain. $40,000. Hamilton Co. Hy. Comn., H. Clark, secy., Chattanooga, engrs.

O., Canton — Bd. Control plans widening and asphalt paving Walnut Ave. N. E., $60,000; and improving Greenfield Ave. S. W., $70,000. W. E. Sarver, Canton, engr.

O., Canton—Plans improving 1 mi. Henry Ave. S.W. 140 ft., $75,000, 21st St. N.W. $40,000-$50,000, and Bellflower Ave. S.W., $35,000; asphalt repaving Market Ave. N., $50,000. W. E. Sarver, City Hall, engr.

O., Canton—Plans improving Warner Rd. S. E., $60,000; widening and repaving McKinley Ave. N. W., $75,000. W. E. Sarver, City Hall, engr.

O., Cleveland—Plans paving and right-of-way of West Blvd. $800,000; paving, right-of-way and bridge on East Blvd. $1,345,000; stone or concrete curbing 18 mi. Park Boulevards, $100,000. R. Hoffman, City Hall, engr. Noted Aug. 20.

O., Columbus—Making plans cement sidewalks 5 ft. wide on both sides of Lakeview Ave., Kossuth, Mithoff and Rich Sts.; 17.5 ft. wide on both sides 16th, Washington and Jenkins Aves. $73,000. R. H. Simpson, Columbus, ch. engr.

O., Dayton—Plans rein.-con. or asphalt paving, etc. 27,000 sq.yd. Overlook Ave., $199,801; rein.-con., brick or sheet asphalt paving 7,000 sq.yd. Garland St., $49,269; and curbing, guttering and concrete paving 2,800 sq.yd. Edward St., $18,591. J. F. Hale, city engr.

Ind., Anderson—Madison Co., plans concrete paving 17,600 sq.yd. Woolum Rd., $30,000; and 0.66 mi. Doyle Rd., 30 ft., $26,000. Address County Surveyor, Anderson.

Ill., Peoria — Soon takes bids grading, curbing and brick on concrete surfacing 5 blocks Garden St., $40,000; concrete surfacing 8 blocks Greenlawn Sts. $44,482, and 6 blocks Blaine St. $38,205. Noted July 16 and 23.

Ill., Warsaw — Making preliminary plans curbing, grading, etc. and brick on 4 in. concrete surfacing 9,925 sq.yd. various streets. F. M. Connolly, 432 Peoples Trust & Savings Bank Bldg., Galesburg, engr.

Ia., Council Bluffs — City rejected bids grading, and sheet asphalt, Willite, bitulithic, asphaltic concrete, vibrolithic or brick surfacing 43,400 sq.yd. various streets. J. H. Mayne, City Hall, engr.

Tex., Cuero—Election soon $30,000 bonds, hardsurfacing about 1 mi. West Main St., to connect with County Highway. Address Mayor.

Tex., Decatur—Wise Co. election Sept. 12, $1,000,000 bonds hardsurfacing main highways. S. M. Ward, Decatur, co judge.

Tex., Desdemona—Plans permanent street paving. $30,000. L. Gresham, Desdemona, engr.

Tex., Falfurrias—Brooks Co., soon takes bids grading and bates type section rein.-con. paving 14.182 mi. State Highway 12, Federal Aid Project R.-2-A. $510,000. R. Harrison, Falfurrias, engr.

Tex., Haskell — Haskell Co. defeated $1,500,000 bonds, improving about 32 mi. highway. J. G. Foster, Haskell, judge. Noted July 2.

Tex., Jacksonville — Making plans hardpaving about 10 blocks various streets. $100,000. O. L. Forsgard, Nacogdoches, engr.

Tex., Laredo—Webb Co. making plans bituminous macadam paving 13.25 mi. State Highway 12-A, Federal Aid Project 486, Sect. B. $170,000. T. E. Huffman, Laredo, engr.

Tex., McKinney—Collin Co. making plans grading and bridging 13.9 mi. State Highway 39, from point 4.2 mi. east of McKinney to Hunt Co. line. $77,500. F. W. Cawthon, McKinney, co. engr.

Tex., Nacogdoches—Making plans brick on iron ore gravel paving North St. $26,000. L. Acker, Nacogdoches, engr.

Tex., San Angelo—Tom Green Co., election Sept. 19, $500,000 bonds hardsurfacing 74 mi. highway, 18 ft. J. T. Mathison, judge. Noted Aug. 6.

Tex., San Antonio—Bexar Co. election soon $60,000 bonds gravel surfacing 5 mi. St. Hedwig and Elmendorf Rds., 18 ft., Precinct 4. A. C. Pancoast, 102 Turner St., co. engr.

Tex., Tulia — Election soon $60,000 or more bonds paving 10 blocks various streets. R. B. Huckabee, city mgr. Engineer not selected.

Tex., Waco—Election Sept. 22, $250,000 bonds, paving various streets. V. G. Koch, city engr.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary plans concrete slab surfacing 31,680 sq.yd. Bartlesville-Tulsa Rd., Tulsa Co. $75,000. J. M. Page, highway engr.

Okla., Blair — Plans concrete surfacing various streets. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Chandler—Making plans paving 10 blocks various streets. To exceed $25,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Cordell—Plans grading, curbing and concrete surfacing 8,500 sq.yd. Church, Market and 1st Sts. $26,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Davenport—Plans grading, curbing and vertical fibre brick surfacing 9,100 sq.yd. Main St. $36,600. C. A. Wood, Stillwater, engr.

Okla., Hobart—Plans grading and vertical fibre brick surfacing 51,000 sq.yd. Kiowa, Apache, Broadview, 3rd and 4th Sts. $200,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Los Angeles—Bd. Supervs. Los Angeles Co. takes bids about Sept. 20 grading, curbing, guttering, and sidewalks on 432,566 sq.ft. St. Vincente Ave., etc. (Co. Impvt. 141). $129,912. G. Jones, Hall of Records, co. engr.

Calif., San Diego—Common Council plans improving Lewis St., 1,497 cu.yd. excav., 3,657 cu.yd. embankment, 144,325 sq.ft. 1½ in. asphalt on 4 in. concrete paving, 6,991 sq.ft. concrete sidewalks, 1,670 lin.ft. concrete curbing, etc.; Fay St., 39,178 sq.ft. 4 in. and 174,259 sq.ft. 5 in. concrete paving, 8,488 sq.ft. concrete sidewalks, 1,692 lin.ft. concrete curbing, etc.; also Kansas St., 157,406 sq.ft. 1½ in. asphalt on 5 in. 2,361 sq.ft. 4 in. concrete paving, etc. F. A. Rhodes, city engr.

Calif., San Diego—Common Council plans improving K St., 372,591 sq.ft. 1½ in. asphaltic concrete on 5 in. concrete paving, 584 sq.ft. 1½ in. asphalt gutter surfacing, 601 sq.ft. sidewalk, 325 lin. ft. curbing, etc.; also Jewell Dr., 37th St., etc., $48,131 cu.yd. excav., 18,953 cu.yd. embankment, 101,302 sq.ft. concrete sidewalks 34,643 lin.ft. curbing, etc. F. A. Rhodes, city engr.

BIDS DESIRED

New Hampshire—Sept. 4, by F. E. Everett, comr. State Hy. Dept., Concord, bituminous macadam paving 2.25 mi. Federal Aid Project 223-C, and in Peterboro 0.68 mi. Federal Aid Project 228-A in Holderness; also 40 ft. span rein.-con. T-beam bridge on Randolf State Rd.

Conn., Wallingford—Sept. 8, by Warden and Court of Burgesses, at office F. J. Whitney, boro clk., bituminous macadam paving. Prince and North Elm Sts.; adv. E. N.-R. Sept. 3.

N. Y., Brooklyn—Sept. 9, by J. A. Guider, boro pres., Boro Hall, grading, curbing and flagging, etc. East 29th St., 56th and 68th Sts.; permanent asphalt on concrete paving Ocean Ave., 56th and 68th Sts.; reconstructing curb corners at Atlantic and Bedford Aves., Ocean and Woodruff Aves., Atlantic and 4th Aves., Flatbush and 4th Aves., and at Pacific St. and 4th Ave.

N. Y., Long Island City—Sept. 9, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing and laying sidewalks, etc., on Foster Ave., 116th St. and 179th Pl.; curbing and laying sidewalks, etc. on Grout and Tieman Aves.; asphalt block repaving, etc. Diagonal St.; grading, etc. Rockaway Blvd.

N. J., Hackettstown—Sept. 14, by Common Council, rein.-con. paving 14,387 sq.yd. Mountain Ave. H. W. Vetter, Belvidere, engr.; adv. E. N.-R. Sept. 3.

Streets and Roads (Continued)

N. J., Little Silver—Sept. 21, by Boro Council, rein.-con. paving 1.486 mi. Church St., Prospect Ave., and Willow Dr. G. K. Allen, Jr., 60 Broad St., Red Bank, boro engr.; adv. E. N.-R. Sept. 3.

N. J., New Brunswick—Sept. 8, by City Comn., sheet asphalt paving 7 various streets. $80,000. A. Atkinson, city engr. Noted Aug. 27.

N. J., Princeton—Sept. 8, by Princeton Twp. Com., M. Clausen, clk., bituminous surface treated with gravel surfacing 4,300 sq.yd. Leigh Ave. C. S. Sincerbeaux, Mechanics Bldg., Trenton, engr.

Pennsylvania—Sept. 22, by State Hy. Dept., Harrisburg bituminous or rein.-con. paving 27 mi. various roads in 10 counties. P. D. Wright, secy.; adv. E. N.-R. Sept. 3.

Pa., Pittsburgh — Sept. 9, by Controller Allegheny Co., rein.-con. paving 9,478 ft. Edgeworth Boro-Leetsdale Boro Rd., 27 to 32 ft., $100,000; vitr. brick on concrete repaving 4,103 ft. Brownsville Rd., etc. 9 to 17.75 ft., $50,000. Dept. Pub. Wks. of Allegheny Co., 519 Smithfield St., engr.

Delaware—Sept. 16, by State Hy Dept., Dover, grading and paving 2.6 mi. Maryland Line-Hartly, Contr. CK30, and 0.875 mi. Rehoboth Connection, Constr. CS30C, also removing old bridge at Drawyers; adv. E. N.-R. Sept. 3.

Virginia—Sept. 10, by State Hy. Comn., Richmond, grading 1.318 mi. Route 17, Sect. 391-S, Bath Co.; concrete surfacing 2.58 mi. Route 341, Project 316-F, Accomac Co.; bituminous macadam surfacing 3.672 mi. Route 21, Project 408-F, Page Co.; also two concrete bridges on Routes 17 and 21, Bath and Page Counties. C. S. Mullen, highway engr.

Fla., Clearwater — Sept. 7, by C. F. Mason, city mgr., grading, curbing, guttering, laying sidewalks and brick or asphalt block paving 49,344 sq.yd. various streets. $150,000.

Fla., Monticello — Sept. 15, by City Council, curbing, guttering and paving about 61,000 sq.yd. various streets. A. S. Jandon Eng. Co., Elberton, Ga. and Eustis, engrs.

Fla., Mount Dora — Sept. 24, by City Council, curbing, guttering and bituminous paving about 170,000 sq.yd. various streets. H. S. Jandon Eng. Co., Elberton, Ga., engrs.

Fla., Tampa—Sept. 8, by City Comn., 2½ in. asphalt block or vitr. brick paving 16,000 sq.yd. Streets 58, 59 and 60, $40,000; 9,200 sq.yd. 56, 67, and 61, $25,000; about 9,800 sq.yd. 53, $25,000; about 93,500 sq.yd. 52 and 55, $25,000; about 11,000 sq.yd. 41, 45, 51, and 54, $30,000; 10,000 sq.yd. 16, 21 and 22, $30,000; 9,753 sq.yd. 2, 4 and 5, $25,000; and 9,900 sq.yd. 6, 7, 8, 9, and 15, $25,000. R. D. Martin, City Hall, engr.

Fla., Tavares—Sept. 7, by Comrs. Lake Co., grading, concrete, brick or sheet asphalt paving, etc. 147,840 sq.yd. Mt. Dora, to Wekuva River Rd., Rd. Dist. 10. $300,000. G. S. Mickle, Tavares, engr.

Miss., Greenville—Sept. 14, by Bd. Supervs. Washington Co., improving 4.796 mi. Federal Aid Project 59, 2 acres clearing and grubbing, 5,000 cu.yd. excav., 40,000 cu.yd. borrow, 12,656 lb. reinforcing, 4 mi. Bermuda sod, etc. H. C. Dietzer, Jackson, engr.

Louisiana—Sept. 24, by State Hy. Comn., Reymond Bldg., Baton Rouge, gravel or shell surfacing 17.62 mi. New Orleans-Fort Jackson Highway, State Project 346-B-2, Plaquemines Parish. W. B. Robert, highway engr.

O., Cincinnati—Sept. 10, by Dir. Pub. Serv., granite block and concrete paving, etc. 3,195 ft. Mitchell Ave., 40 ft. $116,510. F. Krug, City Hall, engr. Noted June 4.

O., Cleveland — Sept. 12, by Comrs. Cuyahoga Co., paving Hilliard Rd. Bridge. $29,640. F. Lander, Court House, engr.

O., Maple Heights (mail Cleveland) — Sept. 8, by Village, paving, laying sewers and watermains in various streets. $60,000. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Ind., Columbia City—Sept. 9, by Auditor Whitely Co., grading and graveling 8 mi. 5 various roads, 26 ft. $41,500. Address County Surveyor, Columbia City.

Ind., Knox—Sept. 9, by Auditor Starke Co., grading and graveling 2.9 mi. Keehn Rd., 26 ft. $25,900. Address County Surveyor, Knox.

Ind., Logansport — Se t. 11, by R. A. Hyman, engr., Logansport, grading and graveling 2.5 mi. Barnett Rd., $25,003, and 3.1 mi. Pierce Rd., $29,283, for Cass Co.

Ind., New Albany—Sept. 19, by Auditor Floyd Co. grading and graveling 3 mi. Number 4 School House Rd., 26 ft. $26,300. Address County Surveyor, New Albany.

Ind., Peru—Sept. 11, by B. Welch, engr., Peru, concrete paving 9,204 sq.yd. Rd. 33, for Miami Co. $26,000.

Ill., Riverside—Sept. 8, by Bd. Local Impvts., P. J. Leitzelle, atty., 112 West Adams St., Chicago, grading, curbing and concrete surfacing 17,100 sq.yd. Harlem Ave.

Ill., Wheaton — Sept. 8, by City, sheet asphalt or Warrenite bitulithic resurfacing 34,000 sq.yd. various streets. Wells Eng. Co., Geneva, engrs. Noted July 2.

Wisconsin—Sept. 9, State Hy. Dept., at Div. 8, 1st Natl. Bank Bldg., Superior, constructing 15.15 mi. Trego-Minong Rd., Federal Aid Project 377-C, Washburn Co., 84.34 acres each clearing and grubbing, bridges over 20 ft. span, 101 cu.yd. rip rap, 1,266 bbls. cement, handling only, 2,275 lin.ft. piling delivered, 2,275 ft. actual penetration, etc. Separate bids on clearing and grubbing, also on bridges. J. T. Donaghey, Madison, highway engr.

Kan., Kansas City—Sept. 17, by Clerk Wyandotte Co., concrete surfacing 1.05 mi. Woestmeyer Rd., 18 ft., 5 and 6 ft. dirt shoulder, etc.; bridging and rock asphalt surfacing 1 mi. Smith Rd., 18 ft. O. K. Williamson, Court House, engr. Noted Mar. 26.

Kan., Kansas City—Sept. 17, at office W. Beggs, clk. Wyandotte Co., grading, bridging, rock asphalt surfacing, etc. 0.995 mi. Smith Rd., 18 ft. incl. 3 and 4 ft. earth shoulders; and concrete surfacing 1.005 mi. Westermeyer Rd., 18 ft., incl. 5 and 6 ft. earth shoulders. Noted Aug. 27.

Kan., Lyndon—Sept. 24, by Clerk Osage Co., grading, etc. 6.009 mi. Federal Aid Project 264-C, and 4.053 mi. Federal Aid Project 266-C, both 28 ft. F. C. Healea, Lyndon, co. engr. Noted Feb. 19.

Kan., Oskaloosa — Sept. 25, by Clerk Jefferson Co., grading, bridging, etc. 6.273 mi. Federal Aid Project 276-C; 6.6 mi. Federal Aid Project 276-D, and 5.82 mi. Federal Aid Project 268-A, all 28 ft. R. C. Ham, Oskaloosa, co. engr. Noted June 11.

North Dakota — Sept. 10, by State Hy. Comn., and Bd. Comrs. Traill Co., Court House, Hillsboro (**F.A.P. means Federal Aid Project**) grading, etc. 2.063 mi. road north of Hillsboro, F.A.P. 5C; 4,949 mi. road north of Buxton, F.A.P. 278B, and 1.725 mi. road from Reynolds east, F.A.P. 278A, Grand Forks and Traill Counties.

North Dakota—Sept. 18, by State Hy. Comn., and Bd. Comrs. Grand Forks Co., at Court House, Grand Forks (**F.A.P. means Federal Aid Project**), graveling, etc. 20.89 mi. road from Northwood to Thompson, F. A.P. 41, A, B, C; 16.142 mi. road south of Grand Forks through Thompson, F.A.P. 215, A, B, and C; 2 mi. road from Thompson, W., F.A.P. 309-A; and 9 mi. road west of Northwood, F.A.P. 203-B.

Neb., Rulo—Sept. 8, by City Clerk, curbing, guttering and 3 in. brick, 6 or 7 in. concrete, vibrolithic concrete, asphalt, asphaltic concrete, bithulithic concrete or gravel surfacing, etc., 3,400 yd. various streets in Dist. 1; also grading, curbing, guttering and gravel surfacing 8,300 yd. various streets in Dist. 3. Henningson Eng. Co., Natl. Bank Bldg., Omaha, engrs.

Mo., Louisiana — Sept. 11, by D. C. Weaver, city clk., grading, curbing, 7 in. concrete paving, etc., 20,740 sq.yd. Georgia St. $77,000. Caldwell Eng. Co., Jacksonville, Ill., engrs. Noted Aug. 27.

Texas—Sept. 11, by State Hy. Comn., Austin, grading and bridging 9.68 mi. State Highway 30, Federal Aid Project 493-A, Jones Co. $58,300. J. W. Puckett, Stamford, engr. Noted Aug. 20.

Texas—Sept. 11, by F. V. Lanham, chn. State Hy Comn., Austin, clearing, grubbing, grading and bridging 5.89 mi. State Highway 34, Federal Aid Project 385-B, incl. 54,302 lb. reinforcing, etc., $29,400; and 4.83 mi. same road Sect. D., incl. 119,986 lb. reinforcing, etc. $56,000, both in Ellis Co. W. A. Spalding, Waxahachie, co. engr. Noted May 28.

Texas—Sept. 11, by F. V. Lanham, chn. State Hy. Comn., Austin, grading, bridging and bituminous on crushed stone and limestone paving 1.15 mi. State Highway 2, Federal Aid Project 492, 18 ft., Tarrant Co. $27,000; grading and bridging 6.15 mi. State Highway 6, Federal Aid Project 471-C, 26 ft., Grimes Co., $102,750; 2½ in. bituminous topping, etc., 7.71 mi. State Highway 2, Federal Aid Project 300 B-C, 18 ft., Tarrant Co. D. A. Davis, Fort Worth, engr.

Texas—Sept. 11, by F. V. Lanham, chn. State Hy. Comn., Austin, bituminous macadam, concrete or any alternate types of hard paving 5.57 mi. State Highway 2, Federal Aid Project 409, Travis Co., $115,000; bridging and caliche paving 11.[illegible] mi. State Highway 1, Federal Aid Project 391-C, Ward Co., $157,500; and grading, gravel surfacing and bridging 3.977 mi. State Highway 5, Federal Aid Project [illegible]-A, Bowie Co., $94,424, all 18 ft.

Tex., Barstow—Sept. 11, by R. J. Hank, state highway engr., Austin, and S. S. Posey, resident engr., Pecos., grading, bridging and caliche surfacing 11.1[illegible] mi. State Highway 1, Barstow e., Ward Co. $157,000.

Tex., San Diego—Sept. 17, by F. E. Hess, engr., San Diego, bridging and asphalt on limestone paving 15.76 mi. Federal Aid Project 424-F, $303,900; 3.98 mi. Federal Aid Project, 436-E, $83,500; 15.76 mi. Federal Aid Project 424-E, $367,000; and 16.02 mi. Federal Aid Project 424-G, $25,700, all above on State Highway 12 A, in Duval Co. Noted Aug. 6 and 20.

Okla., Guthrie—Sept. 11, by G. L. Anderson, city clk., grading, curbing and vertical fibre brick surfacing 5,700 sq.yd. and concrete surfacing 4,700 sq.yd. 11th, Oklahoma, Cleveland and Drexal Sts. $37,860. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Washington—Sept. 15, by State Hy. Comn., Olympia, clearing and grading 7 mi. State Highway 13, Grays Harbor Co. $200,000. J. W. Hoover, highway engr.

Calif., Los Angeles—Sept. 8, by Bd. Supervs. Los Angeles Co. grading, curbing, guttering, sidewalks, oiling and screening 767,764 sq.ft. streets in San Dimas. $122,638. G. Jones, Hall of Records, co. engr.

Calif., San Diego—Sept. 14, by Common Council, grading, curbing, sidewalks and 2 in. asphaltic concrete on 5 in. concrete paving 76,828 sq.ft. and 1½ in. asphaltic concrete on 4 in. concrete paving 384,964 sq.ft. L St. between 9th and 32nd Sts.; also grading, curbing, sidewalks and 2 in. asphaltic concrete on 5 in. concrete paving 116,309 sq.ft. Juniper St. F. A. Rhodes, city engr. Noted Aug. 6.

California—Sept. 14, by State Hy. Comn., Forum Bldg., Sacramento, grading, etc. 3.3 mi. road between Big Bear Dam and Fawnskin, San Bernardino Co.; and grading and asphaltic concrete paving 0.5 mi. road between Sacramento and point ½ mi. south, Sacramento Co. R. M. Morton, highway engr.

BIDS RECEIVED

Vermont—Dept. Highways, State House, Montpelier, bituminous macadam paving highway from Brattleboro to Northfield line, to Long, Cross & Burnham, Greenfield, Mass., $59,461.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam surfacing 2,840 ft. highway in Webster, from H. and H. P. Green, 325 Greenwood St., Worcester $13,700, 2,033 ft. highway in Dighton, from Z. L. Canedy, East Taunton $9,977, 29,495 ft. highway in Middleborough, from Powers Bros., 161 Montello St., Brockton $212,103, 2,340 ft. highway in West Boylston, from C. E. Horne, Milbury $20,179, 3,250 ft. highway in Millis, from W. H. Hinman, Medway $17,295, 3,950 ft. highway in Ashburton, from S. S. Catanese, 151 Harrison Ave., Fitchburg $22,484, 16,135 ft. highway in Wareham, from D'Onfro Bros., Inc., 712 Main St., Leominster, $123,903; gravel surfacing 4,000 ft. highway in Norfolk, from Canedy Constr. Co., Clifford, $13,635, and concrete bridge and approaches on 980 ft. highway in Barnstable, from Eng. Serv. & Constr. Co., 220 Devonshire St., Boston, $39,851. Noted Aug. 20.

N. Y., St. George—J. A. Lynch, boro pres., Boro Hall, Aug. 31, curbing with steel guard, concrete sidewalks and vitr. brick guttering Fingerboard Rd., from J. R. Fox, 270 Herkimer St., Brooklyn, $8,900; bituminous concrete paving Clove Rd., from J. E. Donovan Paving Co., 614 Union St., Brooklyn, $13,788. Noted Aug. 27.

N. J., Bound Brook—Concrete paving 0.5 mi. Vosseller Ave., from Liddle & Pfeiffer, 149 New Brunswick Ave., Perth Amboy, $33,093. Noted July 16.

N. J., Burlington — Burlington Co., Aug. 28, penetration macadam paving 1½ mi. Jacksonville Rd., from W. S. French, Moorestown, $41,782. Noted March 12.

N. J., Hutchinson's Mill (Trenton P. O.) —Freeholders Mercer Co. (Trenton), Aug. 25, concrete paving 12,480 sq.yd. Hutchinson's Mill Rd., here, from Union Paving Co., 30th and Locusts Sts., Phila., Pa. $49,672. Noted Aug. 20.

N. J., Millville—State Hy. Comn., Broad St. Bank Bldg., Trenton, grading and concrete paving, etc. 23,112 sq.yd. Route 20, Sect. 4, from Wallace, Tozour & Wall, Millville, $110,539. Noted Aug. 13.

Streets and Roads (Continued)

N. J., Newton — Sussex Co., concrete paving 2 mi. Sparta-Woodport Rd., from R. B. Cahill & Co., 299 Central Ave., Newark, $84,084. Noted Aug. 13.

Pennsylvania—Dept. of Highways, Harrisburg, Aug. 25, **(R means Route, and A means Application)**, one course rein.-con. paving 17,876 ft. R.10, A.3453, Great Bend Twp. Rd., Susquehanna Co., from Bryant & Kohl, 145 Hazle St., Wilkes-Barre, $161,-624; 21,152 ft. R.119, and 68, Unity-Hempfield Twp. Rd., from Herrmann & Gass, 1305 Jefferson St., Latrobe, $224,987 and 9,950 ft. R.288, A.3404, Rostreaver Twp. Rd., from R. H. Cunningham & Sons Co., 617 Penn Ave., Turtle Creek, $82,290, both in Westmoreland Co.; 15,197 ft. A.1950-A and 68, Hopewell-Independence Rd., from Froemming Bros., Inc., 1326 Humboldt Ave., Milwaukee, Wis. $170,346, and 9,550 ft. R.278, A.3421, Green Twp.-Hookstown Boro Rd., from Wilson-Johnston Constr. Co., 107 West College Ave., Appleton, Wis., $90,988, and 13,282 ft. R.115, A.3353, Center-Potter Rd., from J. J. Devine Co., 817 Salt Spring St., Youngstown, O., $115,034, all in Beaver Co.; 21,046 ft. R.75, A.3484, Richland Twp. Rd., Venango Co., from Mosteller & Virgin, 315 Franklin Ave., Wilkinsburg, $176,830; 10,813 ft. A.3488, Spring-Cumru Twp. Rd., Berks Co., from M. Staub, Pitman, N. J., $74,372; 8,894 ft. A.2697, Hatfield Twp. Rd., from Freeland Constr. Co., Amer. Bank Bldg., Hazleton, $63,512 and 9,224 ft. A.3368, R.155, Hatboro Rd., from B. Foster Co., Inc., 20th and Venango Sts., Phila., $83,094, both in Montgomery Co.; 4,747 ft. R.57, Tyrone Boro-Snyder Twp. Rd., Blair Co., from Colgan & Kelly, Lewistown, $66,-748; 8,484 ft. R.214, A.3151, Monroe Boro Rd., Clarion Co., from Ross & Donahoe, Lickingville, $66,304; 6,401 ft. R.29, Derry Twp. Lewistown Boro Rd., Mifflin Co., from J. B. Trexler, Lewistown, $84,777; and 16,-260 ft. R.271, A.3466 and 3682, Union Twps. Union City B, Erie Co., from F. W. Knickenberg, 702 Michigan Ave., Buffalo, N. Y., $126,252. Noted Aug. 13.

Maryland—State Hy. Comn., Baltimore, graveling 2.25 mi. road from Pomonkey towards Marshall Hall, Charles Co., Contr. CH-33, from J. A. Wilmer, La Plata, $23,-183. Noted Aug. 13.

North Carolina—State Hy. Comn., Raleigh, grading and concrete or asphalt paving, etc. 12.2 mi. Project 334, Columbus Co., and 8.8 mi. Project 843, McDowell Co., from H. M. Gregory, Colfax, $338,311 and $272,-758 respectively, 5.4 mi. Project 131-B, Gates Co., from F. J. McGuire, Bankers' Trust Bldg., Norfolk, Va. $132,112, 5.4 mi. Project 947, Haywood Co., from Appalachian Constr. Co., Knoxville, Tenn. $156,-235, 9 mi. Project 675, Rowan Co., from Stearns Bros., Inc., Statesville $219,211, 18 mi. Project 397, Robeson Co., from P. R. Ashby & Co., 421 North Pearson St., Raleigh $377,878, 5.9 mi. Project 558, Montgomery Co., and 4.7 mi. Project 4360, Harnett Co., from Foster Constr. Co., Wilkesboro, $174,591 and $130,731 respectively, and 8 mi. Project 416, Durham Co., from Zeigler Bros., Greensboro, $223,580; clearing, grading, etc. 4.5 mi. Project 594, Rockingham Co., and 4.2 mi. Project 720-B, Caldwell and Catawba Counties, from J. F. Mulligan Constr. Co., North Wilkesboro, $26,599 and $32,200 respectively; grading and sand asphalt paving 15.3 mi. Project 219-B, Dublin and Lenoir Counties, from Wesco Co., Vol. Life Bldg., Chattanooga, Tenn., $295,544; grading and veneer macadam paving 12.1 mi. Project 514, Caswell Co., from W. E. Graham, Mt. Ulla, $162,487.

Ky., Frankfort — City, July 3, from Andrews Sheet Asphalt Co., Rentchler Bldg., Hamilton O., improving Washington St. $5,719, Whipping St. $9,679, West Main St. $22,792, Bway. $2,761, Shelby St. $26,-566, Murray St. $6,994, High St. $7,795, Steel St. $3,389, Conway St. $15,373, Todd St. $11,914, Benson Ave. $5,017; from Gradison Constr. Co., Midland Trail $152,-482 and St. Clair St. $4,713. This corrects report in July 23 issue.

O., Cleveland—Improving Rudyard Rd., Superior and Larchmont Aves., East 57th, 67th, 115th, 118th, 123rd, 163rd, 165th, and West 165th Sts. 33,595 sq.yd. sheet asphalt, 20,200 lin.ft. stone curbing, 21,680 lin.ft. 4 in. drain tile gutter, and 16,080 cu.yd. earth excav., from Cleveland Trinidad Paving Co., The Arcade, $217,187; East 138th St., and West 84th, 90th and 168th Sts., 8,090 sq.yd. sheet asphalt, 3,020 lin.ft. stone curbing, 3,180 lin.ft. 4 in. drain tile gutter, 4,080 cu.yd. earth excav., from Highway Constr. Co., West 112th St. and Madison Ave., $37,169. Noted Aug. 13.

O., Massillon—Asphaltic concrete paving Walnut and Clay Sts., from Bend & Ulrich, Genl. Del. Canton, $37,595 and $26,241 respectively. Engrs. est. $40,000 and $30,-000 respectively. Noted Aug. 20.

Ind., Indianapolis—Asphalt paving 1.7 mi. Pleasant Run Dr., from H. J. Roberts, $61,690, engrs. est. $65,000; and 0.85 mi. Kessler Blvd., from Indiana Asphalt Paving Co., Plant 28 and Columbia St., $28,-113, engrs. est. $31,000, both 35 ft. wide.

Wis., Milwaukee—Dept. Pub. Wks., Aug. 24, from W. F. Hunt, 405 Bway., Vibrolithic concrete paving Lake St. between 23rd and 27th Sts. $3,258, Melvina St. between 24th and 27th Sts. $12,090 and 26th St. between Franklin and Lake Sts., $9,855; from White Constr. Co., 68 Wisconsin St., sheet asphalt paving Martin St. between Edison and East Water Sts., $10,201; from J. Datka, 1147 10th Ave., grading Midland Ave. between Ohio and Holt Aves., $787; from Kroening Constr. Co., 39th Ave. and Mitchell St., curbing, guttering and sidewalks on West 24th, 24th and 25 Sts. between Franklin and Lake Sts., $10,899; from Schwerm Bros., 50 Lee St., concrete paving 1 alley $2,538; and from J. Bluhm & Son, 1298 Achilles Pl., and from A. Retzlaff, 868 Island Ave., concrete sidewalks on 23rd St. between Peace and Franklin St. $576 each.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., Aug. 19, 12,000 sq.yd. one course rein.-con. paving State St., from Brennan & Bounsall, 305 Main St., Kenosha, at $2.70 per sq.yd. Noted Aug. 13.

Wash., Seattle—Bd. Pub. Wks., Aug. 15, grading and paving Highland Park Way et al, from Goetz & Brennan, Seaboard Bldg., $123,102.

Tex., Stamford—B. P. Davenport, mayor, grading and paving with (a) brick, asphalt filler (b) sheet asphalt (c) asphaltic concrete 71,323 sq.yd. various streets, from Thurber Constr. Co. F. & M. Bank Bldg., Fort Worth, (a) 2½ in. $264,104, 3 in. $278,-635; from Smith Bros., Inc., Santa Fe Bldg., Dallas, (b) 1½ in. $221,756, 2 in. $244,036 (c) 1½ in. $205,288, 2 in. $221,756.

Tex., Sulphur Springs—State Hy. Comn., Austin, Aug. 21, grading and rein.-con. pile trestle bridging 8.84 mi. State Highway 1, Federal Aid Project 431-C, Hopkins Co., from Hannah Constr. Co. Box 994, Waco, $60,053. Engrs. est. $70,000. Noted Aug. 20.

Wash., Seattle—Bd. Comrs. King Co., constructing and concrete paving 2 mi. Donohue Rd. 12, Endolyne, 18 ft., from J. H. Collins, Tompson Bldg., $43,800. Noted Aug. 6.

Calif., Los Angeles—Grading, curbing, guttering, sidewalks, and concrete paving 67,733 sq.ft. Lomita St. Impvt. Dist. and 290,116 sq.ft. La Brea Ave., from R. A. Wattson, 1026 McCadden Pl., $21,782 and $172,670 respectively, 419,217 sq.ft. Venice Blvd., from O. U. Miracle, 227 Ave. D, Redondo Beach $207,095, 17,612 sq.ft. alley south of Country Club Dr., from W. Liddington, 420 East 60th St. $4,254, 55,990 sq.ft. Normandie Ave., from G. R. Curtis Paving Co., 2440 East 26th St. $35,280, 7,030 sq.yd. Elm St., from E. B. Wolford, Los Angeles, $3,600; oiling 13,364 sq.ft. McAllister St. and grading, curbing, guttering and sidewalks, on 6,902 sq.ft. Beach St., from Dungan & Callicotte Co., Inc., Los Angeles, $4,471 and $5,473 respectively.

Calif., San Diego—Common Council, Aug. 24, from Griffith Co., 25 14th St., improving 19th St. from B St. to Imperial Ave. 4,836 cu.yd. excav. at $0.75 per cu.yd., 1,395 cu. yd. embankment $0.10, 183,659 sq.ft. 4-in. asphaltic concrete paving $0.143, 6,000 sq. ft. concrete sidewalks, $0.21, 1,282 lin.ft. concrete curbing $0.67, etc total $33,596. Noted Aug. 13.

Calif., San Diego—Common Council, Aug. 17, from H. G. Fenton, 1980 Main St., improving Mission Ave., 25,293 cu.yd. excav. at $1.08 per cu.yd., 18,350 cu.yd. embankment $0.08, 6,173 lin.ft. concrete curbing $0.58, 33,000 sq.ft. concrete sidewalks $0.18, 3 concrete culverts $2,986, total $41,292.

Calif., Vernon—From G. R. Curtis Paving Co., 2440 26th St., Los Angeles, improving Sante Fe Ave., 18,954 lin.ft. curbing at $0.50 per lin.ft., 17,017 sq.ft. guttering $0.24 per sq.ft., 58,374 sq.ft. sidewalk $0.15, 325,857 sq.ft. 1½ in. on 6½ in. asphaltic concrete paving $0.31, total $123,333.

CONTRACTS AWARDED

N. H., Newfields—F. E. Everett, comr. State Hy. Dept., Concord, cut stone and concrete pier and abutments on highway in Newfields, to Ring Constr. Co., 113 Summer St., Bangor, Me., $42,926. Noted Aug. 6.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 2,500 ft. highway in Winchendon, to R. E. Bull, 151 Harrison Ave., Fitchburg $13,975, 2,350 ft. highway in Canton, to Reynolds Bros., Inc., 179 Summer St., Boston $22,948, 3,275 ft. highway in Southborough, to J. Laurnzi, 453 Mechanics St., Leominster, $18,349; bituminous concrete paving 6,336 ft. highway in East Bridgewater, to Washburn & Sheridan, East Taunton, $20,850; concrete bridges and bituminous macadam approaches on 2,347 ft. highway in Dalton, to C. B. Lindholm, 24 North St., Pittsfield, $47,092. Grand total $123,214. Noted Aug. 27.

Mass., Boston — Dept. Pub. Wks., recut granite block paving Meriden St., East Boston, to J. W. Connell, 73 Tremont St., Boston, $48,464. Noted Sept. 3.

Rhode Island—State Bd. Pub. Rds., State House, Providence, sheet asphalt and concrete paving 1.35 mi. Contr. 2510 Federal Aid Project 22, Warren and Pawtucket Aves., in East Providence, to New Haven Road Constr. Co., New Haven, Conn., $57,-439, waterbound macadam paving 1.86 mi. Contr. 2512, Federal Aid Project 27, East Main Rd., Tiverton-Little Compton, to J. McCormick, East Providence, $73,000; and gravel surfacing 1 mi. Contr. 2511, Stafford Rd., Tiverton, to Hudson Constr. Co., Newport, $18,143. Grand total $148,582. Noted Aug. 20.

N. Y., Albany—Bd. Contr. & Supply, to M. F. Dollard, 36 State St., repaving Western Ave. $433,949, improving Colonie St. $18,229, Marinello Terrace $13,459, to J. J. Rigney, Albany, Rutland St. $14,688, to H. Dumary, 119 State St., about 850 ft. Tremont St. $16,358, and sewers in 1,550 ft. Central Ave. $14,001; to F. Sheehan, Albany, improving Glendale Ave. $17,687; and sewers in Park and Bethlehem Aves., $1,-892 and $2,472 respectively. Grand total $532,735.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block repaving Houston St., to J. Meehan & Son, 74 Courtlandt St., $3,317 and West 125th St., to C. Helbock, 633 Wales Ave., $8,449. Noted Aug. 27.

N. Y., New York—H. Bruckner, pres., Bronx Boro., 3rd and Tremont Aves., grading, etc. East 197th St., and sewers, etc. in Lacombe Ave., to Remo Realty Co., 645 East Tremont Ave., $8,851 and $7,747 respectively; grading, etc. Sheridan Ave., to T. DiRoma, 33 Evelyn Pl. $25,102, Paulding Ave., A. Gregorio & Co., 1121 Neil Ave. $24,612, and East 196th St. to Burnside Contg. Co., 270 Burnside Ave., $5,955; curbing, etc. Tyndal Ave., to J. Gebert, 82 Bolton Ave., $6,694; retaining walls Harlem River Terrace and Fordham Rd., to H. M. Duffy, 597 East 132nd St., $42,645. Grand total $121,606. Noted Aug. 27.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Richmond Ave., to J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $34,687; grading, etc. Lexington Ave., etc., to J. Johnson, 455 Bway., West New Brighton, $10,027. Noted Aug. 13 and 20.

Pennsylvania—State Hy. Dept., Harrisburg, **(R means Route and A means application)**, rein.-con. paving, etc. 73,875 sq.yd. R.212, Sects. 3 and 8, Burlington Co., to D. Schoentag, Inc., Saugerties, N. Y. $455,-172, 19,902 sq.yd. R.199, Sect. 2, Schuylkill Co., to R. D. Richardson Constr. Co., 828 Connell Bldg., Scranton $93,335, 10,802 sq.yd. R.123, Adams Co., to P. R. Hostetter, Co., Inc., Summer St., York $40,460, 27,351 sq.yd. R. 142, Sect. 4, Chester Co., to E. H. Ellis, 6017 Christian St., Phila. $99,938, 43,221 sq.yd. R. 17, Sect. 6, Bradford and Sullivan Counties, to United Constr. Co., Lock Haven $259,780, 17,404 sq.yd. R. 163, Lehigh Co., to McInerney & McNeal, Inc., 703 Northampton Natl. Bank Bldg., Easton $78,407, 19,985 sq.yd. R. 25, Union and Snyder Counties, to Lincoln Constr. Co., Strafford, $103,114; bituminous on concrete paving 3,584 sq.yd. A. 3414, Erie Co., to Mayer Bros. Constr. Co., 312 Commerce Bldg., Erie, $18,875. Grand total $1,149,081. Noted Aug. 20.

Pa., Uniontown—Fayette Co. Council, hard-surfacing Broad St. between Ford and Owensdale Sts., to Georges Constr. Co., Georges Twp., $70,000.

Md., Baltimore—Grading, curbing and sheet asphalt paving 18,050 ft. streets in Contr. 297-NA, to Roland Park Co., Roland Park, $31,314; grading, curbing and concrete paving 12,830 ft. streets in Contr. 298-NA, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $80,105, and 14,240 sq.yd. streets in Contr. 296 OANA, to Tydings Marine Co., 2 East Lexington St., $40,818. Grand total $152,237. Noted Aug. 27.

Va., Richmond—Windsor Farms Co., 22 mi. vitr. brick sidewalks at Windsor Farms, to Allen Saville Co., City Hall, $95,000.

West Virginia—State Hy. Comn., Charleston, oil finished macadam surfacing 5.2 mi. Northwestern Turnpike, Project 139-B, Hampshire Co., to Monongahela Constr. Co.,

Streets and Roads (Continued)

Fairmont, $199,551; grading, etc. 2.5 mi. Letart-Jackson Co. line Rd., Project 139-B, Mason Co., to Billings & Wellman, Huntington $42,422, and 6 mi. Elk Mountain-Randolph Co. line Rd., Project 149-A, Pocahontas Co., to Kelley Constr. Co., Clarksburg, $83,193. Grand total $325,166. Noted July 23.

North Carolina—State Hy. Dept., Raleigh, grading and plain concrete paving 1 mi. road in Orange Co., to Zeigler Bros., Inc., Greensboro, $28,719.

South Carolina—State Hy. Dept., Columbia, bituminous concrete surfacing 4.6 mi. State Route 8 between Gaffney and Spartanburg, Cherokee Co., to Southern Paving Constr. Co., Vol. Life Bldg., Chattanooga, Tenn., $153,329.

Fla., Tampa—To Union Paving Co., Tribune Bldg., 2 in. filbertine on 6 in. paving 13,800 sq.yd. Cypress St. $48,570, 13,400 sq.yd. La Salle St. from North Blvd. to Francis St. and from Arminia to Cleveland Sts. $55,422, 9,300 sq.yd. portions of Abdella, Cleveland and Dewey Sts. $26,292, and 9,450 sq.yd. Arminia Ave. $33,155. Grand total $163,439. Noted July 30.

Alabama—State Hy. Comn., Montgomery, **(r.c.s means engrs. est.)**, 600 ft. earth approaches to Leesburg Bridge over Coosa Rover, 30 ft. Cherokee Co., to C. N. Lowe, Center, $16,976, e.e. $17,000; 400 ft. earth approaches to Eufaula Bridge, 30 ft., Barbour Co. and gravel surfacing 1.25 mi. and sand clay surfacing 9.38 mi. road between Evergreen and Federal Aid Project 32 towards McKenzie, 18 ft., Conecuh Co., to M. M. Bentley, Brantley, $4,875 and $61,857 respectively, e.e. $5,000 and $62,00 respectively; gravel surfacing 2.74 mi. Margerum-Mississippi State line Rd., 18 ft., Colbert Co., to Bessemer Eng. Co., Bessemer, $46,123, e.e. $46,200; asphalt surfacing 0.6 mi. road through York, 30 ft., Sumter Co., to J. A. Taylor, Tuscaloosa, $32,659, e.e. $33,000; sand clay surfacing 5.08 mi. Camden-Butler Co. line Rd., 18 ft., Wilcox Co., to Stallworth Bros., Pineapple, $27,839, e.e. $28,000; grading 16.61 mi. Birmingham-Warrior Rd., 18 ft. Jefferson Co., to Jefferson Co., Birmingham, $110,-702 e.e. $111,000, 3.89 mi. Birmingham-Montgomery Highway, 18 ft., Montgomery Co., to J. A. Patterson, Montgomery, $29,-376, e.e. $29,500. Grand total $330,407. Noted July 23.

La., Mansfield — Police Jury De Soto Parish, constructing Baker Sabine Parish line Rd., to H. M. Silver, Mansfield, $9,296; Pelican Oxford Rd., to I. B. Latimer, Garrison, Tex., $16,465; Longstreet-Texas Line Rd. bridge and Keatchie-Texas Line Rd., to O. B. Sayer, Keatchie, $1,207 and $3,022 respectively. Grand total $29 990. Noted July 30.

Ky., Mayfield—Paving 250,000 sq.yd. various streets, to H. Reed Co., Livingston. Engrs. est. $600,000.

Ohio—Dept. Highways & Pub. Wks., Columbus, grading, etc. 3.362 mi. Sect. A-1 and 3.095 mi. Sect. A-2, Dennison-National Rd., Belmont Co., to Wilson-Miller, Barnesville, $37,936 and $37,562 respectively; substructures on Sects. T and U, Ohio River Rd., Brown Co., to Waters & Freeman Co., Columbus, $38,871 and superstructure, to Perking Structural Steel Co., Wooster, $44,-006; delivering slag and gravel to Sects. G, H, I, J, and Antioch, Woodsfield-Sistersville Rd., Monroe Co., to Shepherd Coal Co., Columbus, $36,550; brick paving 1.894 mi. Sect. "M" Akron Rd., Summit Co., to Grigg-Anderson Co., Millersburg, $15,324; furnishing and delivering brick to Clydesdale Brick & Stone Co., Jenkins Arcade, Pittsburgh, Pa., $5,621. Grand total $215,870. Noted Aug. 20.

O., Brooklyn Heights (mail Independence) —Asphaltic concrete paving, etc. 1 street, to Baldwin Bros., 4500 Euclid Ave. Cleveland, $25,085. Noted Aug. 13.

O., Cleveland—Cuyahoga Co., improving Lakeshore Blvd. 5, 86,200 sq.yd. vitr. brick, 39,700 lin.ft. stone curbing, 42,200 lin.ft. 4 in. drain tile gutter, 47,400 lin.ft. earth excav., to Andrews Asphalt Paving Co., Hamilton, $494,199. Noted Aug. 13.

O., Cleveland—Paving East 55th St., manor, Melville, Natchez, Norway, Park, Parkgrove Pilgrim, Triskett, Unity, Watterson, Wichita and Zenith Aves., to Cleveland Trinidad Paving Co., The Arcade, $339,565. Noted Aug. 6.

O., Warren—Trumbull Co., improving 2 mi. Newton Falls-Tomlinson Rd., and 1.3 mi. Newton Falls-Bailey Rd., both 16 ft., to H. L. Sharp & Co., Warren, $37,672 and $25,834 respectively. Engrs. est. $35,000 and $30,000 respectively.

Indiana—State Hy. Comn., Div. Const. Bridge Dept., Indianapolis, **(r.c.s means rein.-con. slab, r.c.b. rein.-con. box, r.c.a. rein.-con. arch, r.c.g. rein.-con. girder, s.t. steel truss, S.R. State Road and e.e. engrs. est.)** to E. F. Apple, Indianapolis, 1 r.c.s. and 1 r.c.b. on S.R. 39 H, Franklin Co., $11,488 e.e. $12,834; to W. H. Shons Co., 11 South Liberty St., Freeport, Ill., 1 r.c.a. on S.R. 37-D; Delaware Co., 1 r.c.a. on S.R. 11-C, Madison Co., and 1 r.c.g. on S.R. 11-E; Grant Co., $43,571, e.e. $49,175; to Vincennes Bridge Co., Vincennes, 3 s.t. on S.R. 10-E, Knox Co., $41,780 e.e. $49,000, 1 r.c.g. and 2 s.t. on S.R. 10-G1, Sullivan Co., $29,557 e.e. $33,965, 1 s.t. on S.R. 10-G1 and 1 s.t. on S.R. 10-G2, Sullivan Co., $36,460 e.e. $42,135, 1 s.t. on S.R. 22-E, Morgan Co., $27,534 e.e. $34,428, and 1 s.t. on S.R. 43-A, Porter Co., $41,721 e.e. $51,-465; to Winamac Constr. Co., Winamac, 1 s.t. on S.R. 8-F, and 1 s.t. on S.R. 8-G, Lake Co. $13,786 e.e. $16,002, 1 s.t. on S.R. 10-W, Lake Co. $10,109 e.e. $10,109; to W. L. Magaw, Richmond, 4 r.c.a. on S.R. 3-R, Wayne Co., $49,402 e.e. $63,175; to Hay & Campbell Co., Boonville, 3 r.c.g. on S.R. 5-G, and 1 r.c.s. on S.R. 5-H, Orange Co., $11,649 e.e. $15,825; to W. H. Grammer & Sons, Evansville, 2 r.c.g. on S.R. 13-B, Henry Co., and 1 s.t. on S.R. 13-C, Delaware Co., $28,882 e.e. $33,714; to Clements & Clements, Williamsburg, 2 r.c.g. on S.R. 21-C, Wayne Co., $13,350 e.e. $17,582; to Hancock & Kieffer, Brownstown, 2 r.c.s., 1 r.c.b. and 1 r.c.g. on S.R. 22-D, Monroe Co., $12,876 e.e. $16,603; to D. Y. Stout, Crawfordsville, 1 r.c.a. on S.R. 4-V, Dearborn Co., and 1 r.c.g. on S.R. 53-C, Franklin Co., $12,940 e.e. $12,940; to Winks & Winks, Williamsport, 1 r.c.g. on S.R. 16-G, Spencer Co., $5,829 e.e. $7,479; to Kramer & Gray, Madison, 1 r.c.s on S.R. 40-F, Jefferson Co., $2,298 e.e. $3,626. Grand total $393,232. Noted June 16.

Mich., Detroit—To M. R. Hanna Co., 2700 Six Miles Rd., 3½ in sheet asphalt on 8 in. concrete paving 9,610 sq.yd. Fullerton Ave. $40,432, 1,141 sq.yd. Manistique Ave. $49,-660, 8,530 sq.yd. Martindale Ave. $35,878; to Detroit Asphalt Paving Co., 909 Transportation Bldg., 963 sq.yd. Leib St. $5 150, 2,400 sq.yd. Cloverlawn Ave. $10,089, 8,870 sq.yd. Hamburg Ave. $37,588, 3,995 sq.yd. Holcomb Ave. $17,099, 3,595 sq.yd. Griggs Ave. $15,936, 2,795 sq.yd. Pinehurst Ave. $12,417; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 1,095 sq.yd. Leach Ave. $5,484 1,725 sq.yd. Willard Ave. $8,391, 2,315 sq.yd. LaBelle Ave. $9,702, 3,055 sq.yd. Wildemere Ave. $12,959, 2,090 sq.yd. Quincy Ave. $8,881, 4,890 sq.yd. Fullerton Ave. $21,094, to Cooke Asphalt Paving Co., 13,893 St. Aubin St., 5,0[illegible] sq.yd. Halleck Ave. $21,596, 3,135 sq.yd. [illegible]se Ave. $13,520. Grand total $325,876.

Ill., Belleville—Grading and concrete surfacing 1,550 sq.yd. Pennsylvania-Virginia Alley, to B. Gundlach, 125 South Virginia St.; grading, curbing and concrete surfacing 2,690 sq.yd. East 31st St., to A. P. Poirot, 721 East Washington St., [illegible]02 sq.yd. North 39th St. and 2,947 ft. [illegible]tr. clay sewers, manholes, etc., in 27th, [illegible]th and South 10th Sts., to Hoeffken Bros. Constr. Co., 222 West B St. Total $5[illegible],000. Noted July 30.

Ill., Kewanee—Bd. Local Impvts., J. H. Andrews, pres., grading, curbing and Type D or Warrenite-bitulithic surfacing 3,100 sq.yd. Rockwell St., to McCarthy Impvt. Co., Kahl Bldg., Davenport, Ia., $11,782; Type B or rein.-con. surfacing 8,130 sq.yd. Division, Henry and Vine Sts., also 2 495 ft. 12 in. storm sewers, 50 manholes, etc to Gund-Graham Co., 304-305 Crumb & Forster Bldg., Freeport, Ill., $28,963. Noted Aug. 6.

Wis., North Milwaukee (Milwaukee P. O.)—W. E. Chase, city clk., to Tex Constr. Co., 446 68th Ave., West Allis, vibrolithic concrete paving, etc. 3,900 yd. 42nd and 32nd Sts. at $2.56 per yd., 5,100 yd. Adams Ave. $2.65, to Dean Constr. Co., 382 North Ave., Milwaukee, 460 yd. 34th St. $2.59 and 600 yd. Hopkins Ave. $2.59; and to H. J. Glover & Son, Schwartz Bldg., Kenosha, concrete paving 4,000 yd. various alleys, $2.40. Noted Aug. 20.

Ia., Ottumwa—Brick surfacing Richmond Ave. and Albia Rd., to C. F. Lytle Constr. Co., 625 Trimble Bldg., Sioux City, $39,780; concrete surfacing various other streets, to Cook & Stucker, Ottawa, Kan., $47,295, sewers in various streets, to L. Y. Morlan, Des Moines, $4,862. Grand total $91,937. Noted June 4.

Ia., Sigourney—Keokuk Co., improving 8.651 mi. Primary Road Project 246, 99,000 cu.yd. earth template, 810 cu.yd. excav., 2,800 cu.yd. channel change, etc., to McAndrews & Hannahs, Keokuk, $28,596.

Ia., Toledo — Tama Co., improving Primary Project 428, 7,403 cu.yd. gravel surfacing, to Northwestern Gravel Co., 400 Royal Union Bldg. $11,604, hauling gravel, to C. M. Wilson, Harvey, at $0.37; Primary

SUBWAY—NEW YORK, N. Y.

Bids were opened by Bd. of Transportation, 49 Lafayette St., July 10, for constructing Route 78, Sect. 6, from (A) Rodgers & Hagerty, 70 East 45th St., New York (awarded contract); (B) Frederick L. Cranford, Inc., 149 Remsen St., Brooklyn; (C) Underpinning & Foundation Co., 342 Madison Ave., New York. The unit bids are as follows:

		A	B	C
*44,000 cu.yd.	earth excavation (a) disposal at 145th St.	$12 00	$13 30	$17 50
†44,000 cu.yd.	earth excavation (b) disposal at 96th St.	14.00	13 80	18.00
*232,000 cu.yd.	rock excavation (a) disposal at 145th St.	12 00	13.30	17 50
†232,000 cu.yd.	(b) disposal at 96th St.	14.00	13 80	18.00
7	furnishing and planting trees	100 00	40.00	60 00
*48,000 cu.yd.	tunnel excavation (a) disposal at 145th St.	18.00	20 50	20.00
†48,000 cu.yd.	(b) disposal at 96th St.	18.00	21.00	21.00
47,000 sq.yd.	concrete masonry in place	23.00	22.00	22.00
206,000 sq.ft.	rubbed surface	.10	.15	.15
4,900 cu.yd.	protective concrete	23.00	22.00	22.00
2,200 sq.yd.	rubble stone masonry	14 00	11.00	22 00
10 cu.yd	dry rubble masonry	15.00	10.00	22.00
500 cu.yd	brick masonry	40 00	40.00	60.00
20 cu.yd	removal and disposal of old masonry	15.00	50.00	100 00
50 cu.yd	hollow terra cotta	50.00	45.00	60 00
3,000 bbl.	portland cement grout	4.00	8.00	8 00
400 sq.yd.	plastering on hollow tile	1 20	2.00	3.00
150 1,000 B.M.	tunnel timbering	100.00	150.00	300.00
30 cu.yd	broken stone or gravel	4 00	5.00	6.00
10,000 sq.yd.	waterproofing treated fabric (a) 1 ply	1 35	1.30	1.00
20,500 cu.yd.	(c) 3 ply	4 00	2.20	2 50
200 cu.yd.	(f) 6 ply	8 00	5.00	5.00
100 cu.yd.	(i) dry ply	1 35	1.00	1.00
630 cu.yd.	waterproofing brick in mastic ( ) 1 layer	54 00	55.00	50.00
10 cu.yd.	(b) 2 layers	50 00	50.00	50.00
1,400 lin.ft.	cast iron pipe and fittings (a) 3 in.	1 00	1.50	1.20
100 lin.ft.	(b) 4 in.	1 25	2.00	1.60
1,500 lin.ft.	(c) 6 in.	2 50	2.00	2.40
5,000 lin.ft.	(d) 8 in.	3 00	3.00	3.20
900 lin.ft.	(e) 10 in.	5.00	4.00	4.00
20 lin.ft.	standard galvanized steel pipe (a) 3 in.	1 25	2.00	1.20
100 lin.ft.	(b) 4 in.	1.50	2.00	1.60
100 lin.ft.	(c) 6 in.	3.00	4.00	2.40
240 lin.ft.	(d) 8 in.	4.00	6.00	3.20
150 lin.ft.	(e) 10 in.	6 00	7.00	4.00
151,000	duct ft. tunnel ducts	.30	.30	.35
1,100	cond. ft. 3 in. fibre conduit	.30	.40	.40
2,300	ton riveted steel	120.00	120.00	150.00
15	ton architectural iron and steel	400.00	425.00	400.00
650 sq.ft.	steel doors (b) sliding doors	6.00	5.00	7.00
100 sq.ft.	(d) swing doors	6.00	8.00	7.00
3	emergency exit covers	500.00	500.00	500.00
4,000	ton steel beams and shapes	120.00	120.00	150.00
200	ton steel rods and bars in concrete	110 00	100.00	150 00
40	ton miscellaneous iron castings	200.00	200.00	200.00
5,500	lb. special wire forms in place	.20	.30	.30
11,500	lin.ft. oak or ash hand rail	.50	.75	.60
1,100	sq.ft. steel grating for ventilation	4.00	3.50	4.50
200	sq.ft. vault lights in place	5.00	3.50	4.50
4,800 sq.yd.	Street surface restored (a) within curb line	3.00	3.00	3.60
19,400 sq.yd.	(e) asphalt	5.00	3.50	5.00
4,900 sq.yd.	(f) granite block	5.50	4.50	5.00
500 sq.yd.	(g) asphalt block	6.00	5.00	5.50
100 lin.ft.	(i) 6 in. B.S. Curb	2.50	3.00	2.50

		A	B	C
300 lin ft.	(k) 8 in. granite curb	4.00	5.00	3.50
800 sq yd.	3 in finish concrete walls and slabs	3.00	3.00	6.00
24,800 sq. yd	temporary pavement granite blocks	3.00	3.00	4.00
23,000 lin ft	steel elec. conduits (a) ¾ in. in stations	.40	.60	.36
100 lin ft.	(b) 1¼ in. in stations	.80	1.00	.72
18,000 lin ft.	(d) 1 in. in stations	.50	.60	.60
10 lin ft	(g) 2½ in. in stations	1.00	5.00	1.25
2,050	4x4x3 in. c.i. outlet boxes in stations	2.50	2.50	2.00
20	cast iron pull boxes (a) 6x6x4 in.	6.00	5.00	4.00
2	6x12x3 in.	8.00	15.00	10.00
250 lin ft.	c.i. pipe and fittings (a) 6 in.	3.00	3.00	3.00
375 lin.ft.	(b) 3 in.	1.50	3.00	1.50
140 lin ft.	(c) 4 in.	2.00	3.50	2.00
100 lin ft.	(f) 8 in.	4.00	4.00	4.00
200 lin.ft.	vitrified pipe sewer 12 in.	6.50	8.00	10.00
300 lin.ft.	vitrified pipe sewer 8 in.	5.00	5.00	9.00
1,000 lin.ft.	vitrified pipe sewer 15 in.	7.00	8.00	12.00
1,000 lin.ft.	vitrified pipe sewer 18 in.	8.00	10.00	15.00
220 lin.ft.	vitrified pipe sewer 20 in.	10.00	11.00	18.00
300 lin.ft.	vitrified pipe sewer 22 in.	12.00	11.00	20.00
100 lin.ft.	vitrified pipe sewer 24 in.	14.00	12.00	22.00
12 ton	c.i. sewer pipe, straight pipe	120.00	175.00	180.00
6 ton	c.i. sewer pipe, special castings	250.00	275.00	270.00
620 lin.ft.	flat top reinforced concrete sewer 3 ft. 6 in. x 2 ft. 4 in.	20.00	20.00	20.00
5,000 lin.ft.	electric underground trolley (a)	25.00	11.00	20.00
2,000 lin.ft.	water pipe in streets 6 in.	2.00	4.00	1.20
100 lin.ft.	water pipe in streets 12 in.	3.00	5.00	2.40
100 lin.ft.	water pipe in streets 20 in.	7.50	8.00	4.00
100 lin.ft.	water pipe in streets 36 in.	12.00	10.00	7.00
40	service connections	50.00	50.00	50.00
200 lin.ft.	c.i. and steel gas pipe 6 in. c.i.	2.00	3.50	1.20
100 lin.ft.	c.i. and steel gas pipe 8 in. c.i.	2.50	5.00	2.00
100 lin.ft.	c.i. and steel gas pipe 12 in. c.i.	3.00	6.00	2.40
300 lin.ft.	c.i. and steel gas pipe 20 in. ci.	7.50	8.00	4.00
500 lin.ft.	c.i. and steel gas pipe 30 in. c.i.	10.00	9.00	6.00
900 lin.ft.	steel by-passing pipe (a) 6 in. upon or below	6.00	6.00	7.00
5,300 lin.ft.	(b) 8 in.	8.00	7.00	10.00
1,800 lin.ft.	(d) 12 in.	11.00	9.00	15.00
120 lin.ft.	(f) 20 in.	18.00	16.00	30.00
120 lin.ft.	(j) 30 in.	30.00	20.00	40.00
100 lin.ft.	steel by-passing pipe (a) 12 in overhead	15.00	11.00	15.00
3,800 lin.ft.	(c) 20 in. overhead	22.00	12.00	20.00
4,000 lin.ft.	(e) 30 in. overhead	35.00	16.00	30.00
2,220 lin.ft.	trestle to support by-passing pipe (b)	10.00	10.00	6.00
1,700 lin.ft.	cable suspension for by-passing over 16 in. (i)	10.00	10.00	8.00
200 lin.ft.	cable suspension for by-passing 16 in. or under (j)	10.00	10.00	8.00
40	service conn. for gas pipes	50.00	50.00	60.00
80 ton	c.i. hub and spigot water pipe	90.00	115.00	180.00
10 ton	c.i. hub and spigot water pipe special castings	200.00	230.00	270.00
60,000	duct ft. vitrified clay elec. ducts	.60	.50	.50
100 lin.ft.	steel pipe electric ducts (a) 2½ in.	.80	2.25	1.00
100 lin.ft.	(b) 3 in.	1.00	2.50	1.00
100 lin.ft.	(c) 3½ in.	1.20	3.00	1.20
100 lin.ft.	(n) 2 in.	.70	2.00	1.00
40	service connections	100.00	75.00	50.00
100 lin.ft.	wooden electric ducts and conduits (a) 3 in.	.65	1.00	1.00
100 lin.ft.	fibre electric ducts and conduits (a) 3 in.	.60	1.00	1.00
10	service boxes re-located ducts	200.00	250.00	100.00
10	junction boxes re-located ducts	600.00	300.00	250.00
10	additional junction boxes	800.00	750.00	300.00
*Total does not include items for disposal at N. R. 96th to 120th St...		$7,321,179	$7,514,435	$9,142,409
†Total does not include items for disposal at 145th to 155th St...		7,873,179	7,676,435	9,328,409

Streets and Roads (Continued)

Project 309, 4.938 mi. grading, 59,778 cu.yd. excav. and 64,360 cu.yd. overhaul, to Swanson Constr. Co., Keokuk, $14,213.

Minn., Waseco — J. Madigan, city clk., about 36,950 ft. sanitary sewers, etc. in various streets, to L. Hanson, Hawley, $41,-410. Noted Aug 6.

Kan., Coffeyville—Improving various streets, 11,820 sq.yd. concrete surfacing, 495 sq.yd. re-surfacing, 7,790 cu.yd. excav., 5,320 ft. curb and gutter, 11,456 sq.ft. sidewalks and 725 ft. concrete retaining wall, to Charles Stanton, Coffeyville, $52,759.

Kan., Hill City—Improving McFarland, Pomeroy Sts., etc., 12,600 sq.yd. vibrated concrete paving, 4,200 cu.yd. grading, 3,459 sq.ft. curbing and guttering, etc., to M. W. Watson, 1196 Boswell St., Topeka, $92,355. Noted Aug. 6.

Kan., Kingman—To H. J. Taylor, Belleville, improving various streets, 10,000 sq.yd. 3 in. vitr. brick on 5 in. concrete paving at $2.35 per sq.yd., grading at $0.40, curb and gutter $0.75, trenching at $0.35, etc. Noted Aug. 27.

Kan., Olathe — Johnson Co., single surface treating 2.75 mi. 63rd St. and Porter Rd., to J. C. Nichols, Olathe, and 3.675 mi. Midland Trail and Southwest Blvd., to J. S. Miller, Olathe.

Kan., Winfield — Grading, curbing and brick on 5 in. concrete paving South Main St., to M. R. Amermann, 246 North Market St., Wichita, $63,271.

Neb., McCook—Grading, curbing, concrete paving, etc. 10,720 sq.yd. Paving Dist. 8, to Allied Contractor, Inc., 1803 Douglas St., Omaha.

Neb., McCook—Warrenite bitulithic concrete paving West 4th St., to Allied Contractors, 1803 Douglas St., Omaha. $35,509.

Neb., Plattsmouth—J. J. Cloidt, city clk., vitr. brick paving 18,065 sq.yd. streets in Dists. 34, 35, 36, 37, 38 and 39, to J. Kerns Constr. Co., 1809 Dodge St., Omaha, $50,-000. Noted Aug. 13.

Nebraska—R. L. Cochran, engr. for State Hy. Dept., Lincoln, **(F. A. P. means Federal Aid Project)** (a) grading (b) gravel surfacing (c) bridges (d) paving and (e) culverts on (1) 3.1 mi. F. A. P. 56-C, Hamilton Co. (2) 12.5 mi. F. A. P. 56, Seward-York Rd., Seward Co. (3) 5.9 mi. F. A. P. 56, York-Aurora Rd. (4) 7.8 mi. F. A. P. 56, York-Aurora Rd., York Co. (5) 4.5 mi. F. A. P. 56-B, York Co. (6) 4 mi. F. A. P. 55-D, Fillmore Co. (7) 12 mi. F. A. P. 25, Jefferson Co. (8) 4.9 mi. F. A. P. 27, Saunders Co. (9) 21.2 mi. F. A. P. 2-B, Nemaha Co. (10) 13.8 mi. F. A. P. 43-A, Johnson Co. (11) 6.7 mi. F. A. P. 50-B, Nance Co. (12) 3.6 mi. F. A. P. 50-D, Nance Co. (13) 24.1 mi. F. A. P. 2-A, Richardson Co. (14) 3.2 mi. F. A. P. 122-B, Pawnee Co. (15) 11.7 mi. F. A. P. 143-A, York Co. (16) 3.9 mi. F. A. P. 171-B, Fillmore Co. (17) 2.4 mi. F. A. P. 139-L, Madison Co. (18) 6 mi. F. A. P. 181, Buffalo C (19) 5.2 mi. F. A. P. 259-A, Hall Co. (20) 28 mi. F. A. P. 29, Butler Co. (21) 8.97 mi. F. A. P. 5, Platte Co. (22) 3.4 mi. F. A. P. 14-C, Boyd Co. (23) 17.4 mi. F. A. P. 22, Custer Co. (24) 6.5 mi. F. A. P. 23, Burt Co. (25) 5.7 mi. F. A. P. 153-D, Cass Co. (26) 11.5 mi. F. A. P. 211, Gage Co. (27) 3.8 mi. F. A. P. 255-A, Nemaha Co. (28) 11.7 mi. F. A. P. 155-A, Lancaster Co. (29) 9.5 mi. F. A. P. 133-E, Lancaster Co. (30) 4.9 mi. F. A. P. 138-A, Sarpy Co. (31) 28.8 mi. F. A. P. 200, Holt Co. (32) 13.2 mi. F. A. P. 203-A, Antelope Co. (33) 11.1 mi. F. A. P. 58-B, Colfax Co. (34) 5.4 mi. F. A. P. 143-E, Polk Co. (35) 2.2 mi. F. A. P. 145-B, Kearney Co. (36) 14 mi. F. A. P. 42-B Loup Co. (37) 15.3 mi. F. A. P. 229, Burt Co. (38) 8.5 mi. F. A. P. 238-A, Brown Co. (39) 10 mi. F. A. P. 248, Kearney Co. (40) 9.9 mi. F. A. P. 205-A, Webster Co. (41) 7 mi. F. A. P. 207-B, Boone Co. (42) 4 mi. F. A. P. 216-B, Merrick Co. (43) 7.4 mi. F. A. P. 222-B, Howard Co. (44) 1.85 mi. F. A. P. 117-C, Oshkosh Co. (45) 9.5 mi. F. A. P. 206-B (46) 15.5 mi. F. A. P. 221-B, Lincoln Co. (47) 4.7 mi. F. A. P. 46, Red Willow Co. (48) 6 mi. F. A. P. 71-C, Harlan Co. (49) 8.2 mi. F. A. P. 95-B, Chase Co. (50) 3.7 mi. F. A. P. 149-A, Cheyenne Co. (51) 4.1 mi. F. A. P. 148-B, Cheyenne Co. (52) 2 mi. F. A. P. 186-B, Kimball Co. (53) 2 mi. F. A. P. 191, Dundy Co. (54) 4.4 mi. F. A. P. 224-C, Keith Co. (55) 8 mi. F. A. P. 242-A, Box Butte Co. (56) 13.5 mi. F. A. P. 242-B, Morrill Co. (57) 6.6 mi. F. A. P. 243-A, Hitchcock Co. (58) 24. mi. F. A. P. 245-A, Red Willow Co. (59) 1.8 mi. F. A. P. 249-A, Garden Co. (60) 5.5 mi. F. A. P. 249-B, Garden Co. (61) 10.3 mi. F. A. P. 260, Dueel Co. (62) 5.7 mi. F. A. P. 265-A, Dawes Co. (63) 10.5 mi. F. A. P. 98-B, Saline Co. and constructing bridge on (64) F. A. P. 57, Dixon Co., to Houston & Sons, Kearney, (a1) $5,623 (a5) $10,335 (a39) $20,787 (a59) $3,286; to Central Constr. Co., Central City, (b1) $7,624 (b3) $14,411 (b4) $18,986 (b15) $28,715 (b34) $10,545 (b42) $8,933; to Central Bridge & Constr. Co., Wahoo (b8) $11,206 (b61) $9,433; to Yant Constr. Co., 905 Omaha Natl. Bank Bldg., Omaha (b6) $11,427 (b20) $58,236 (b21) $28,410 (b25) $2,517; to Western Bridge & Constr. Co. 748 Peters Trust Bldg., Omaha (b7) $30,545 (b10) $38,396 (b13) $59,881 (b16) $10,893 (b44) $2,920 (b52) $3,385 (b55) $12,400 (b59) $2,562 (b60) $5,549 (b62) $2,772 (b63) $26,220 (c41) $10,868 (c61) $3,565; to Lamereauz Bros., 416 Arthur Bldg., Omaha (b9) $45,356; to Modern Constr. Co., Plattsmouth (b12) $9,389; to Peterson, Shirley & Gunther, 1411 W. O. W. Bldg., Omaha (a14) $13,690 (a27) $10,946 (a31) $85,364 (a32) $40,134 (a36) $45,628 (a38) $7,388 (a43) $24,767; to Allied Constr. Co., 1803 Douglas St., Omaha (b18) $15,474 (b23) $33,354; to F. J. Terry, Norfolk (b17) $4,337; to A. C. Lund, Kearney (b19) $9,584 (b35) $3,853; to Union Constr. Co., Kearney (b36) $20,276 (a44) $7,623 (b49) $20,072; to B. Latta, Tekamah (b24) $14,580 (b37) $19,798; to J. W. Wachter, 1805 Dodge St., Omaha (a25) $16,314; to Roberts Constr. Co., 415 1st Natl. Bank Bldg., Lincoln (b26) $32,936 (a33) $10,895 (a34) $6,371; to E. Bowker, Kearney (b38) $3,010; to G. W. Condon, 514 Federal Reserve Bldg., Omaha (a40) $32,026; to Artificial Stone Co., Bruning (c40) $23,038; to Theisen Bros., Osmond (a41) $25,842; to W. A. McNeel, Hershey (a42) $6,363; to Mid State Constr. Co., Hastings (c43) $15,861 (c49) $6,376; to Standard Bridge Co., 1302 City Natl. Bank Bldg., Omaha (c43) $3,514 (c64) $8,731; to R. R. Knight, Rockwell, Ia. (a45) $34,507, to Reel & Kennedy, Dalton (b30) $3,588; to Bliss & Bliss, Mankato, Kan. (c45) $31,235; to E. Walker, North Platte (b46) $21,230; to Bump Constr. Co., Prairie View, Kan. (a48) $4,007 (b54) $5,450; to Monarch Eng. Co., Falls City (c30) $4,347 (c48) $4,820; to Adams & Brooks, Mitchell (a48) $8,030; to G. J. Carpenter, Morrill (a55) $26,544; to J. H. Miller, Cordova (a56) $86,476; to E. W. Kolterman, 518 South 51st Ave., Omaha (a49) $17,749 (a57) $16,830 (a58) $34,748; to T. S. Withers, Lyman (b60) $15,243; to Anderson & Gallagher, Harrison (a62) $13,947; to M. F. Morrissey, Chadron (c62) $4,980; to J. Sherlock Constr. Co., 1805 Dodge St., Omaha (a30) $8,523; to F. L. Busche, 4118 North 39th St., Omaha (b30) $9,827; to J. J. Parks, 4 Bankers Savings Bldg., Omaha (d30) $22,-204; to Metz Constr. Co., Springfield (c30) $9,574, to Abel Constr. Co., 318 Terminal Bldg., Lincoln (b28) $28,420 (a29) $27,450; to C. Christensen, Spencer (c22) $17,866; to Home Constr. Co., Humboldt (c29) $15,-542, to Kohler Lumber & Coal Co., Sterling (c34) $18,297; to Walters & Walters, Franklin (c45) $27,353; to Steel & Oliver, Gurley (a51) $7,370; to C. T. Whalen, North Platte (a56) $2,183; to Nance County (b11) $14,504; to Red Willow County (b46) $10,238; to Kearney County (a35) $1,659 and to Dundy County (a53) $6,584. Grand total $1,654,872. Noted July 16.

North Dakota—State Hy. Comn., Bismarck **(F.A.P. means Federal Aid Project)**, surfacing 9.182 mi. F.A.P. 151, southeast of Carrington, Foster Co., to F. H. Reed, Ellendale, $17,661; grading and sand clay surfacing 12.236 mi. F.A.P. 282, from Sterling south through Moffit, Burleigh Co., to R. S. Burnstad, Burnstad, $34,878, concrete items to C. V. Anderson, Baldwin, $2,356. Grand total $54,895. Noted Aug. 6.

North Dakota—State Hy. Comn. and City Council. Lidgerwood, curbing, guttering and 7½ in. concrete with crushed rock aggregate paving 14,897 sq.yd. Federal Aid Project 287A, through Lidgerwood, to W. E. Kennedy. 7 Bway., Fargo. $47,632. Noted Aug. 27.

North Dakota—State Hy. Comrs., and Bd. Comrs. Grand Forks Co., at Court House, Grand Forks **(F.A.P. means Federal Aid Project)** graveling, etc. 12.897 mi. F. A.P. 217 A and B, State Road east of Niagara, 11 mi. F.A.P. 131 A and B, north and south through Inkster, 9.439 mi. F.A. P. 117, A and B, from Larimore north, and 0.417 mi. F.A.P. 246A, in Larimore, to M. D. Buttler, Grand Forks, $34,209. Noted Aug. 6.

Montana — State Hy. Dept., Helena, gravel surfacing approximately 10.86 mi. Custer Battlefield Highway, Big Horn Co., to Pioneer Constr. Co., Bozeman, $85,053; and 13.89 mi. Carlow-Cutbank Sect. of Roosevelt Highway, Glacier Co. and Black-

Streets and Roads (Continued)

feet reservation, to Lewistown Constr. Co., Lewistown, $58,686.

Mo., Benton—Little River D.D., J. H. Himmelbergen, pres. Bd. Supervs. at Cape Girardeau, 53,000 cu.yd. excav. and 5,900 sq.yd. gravel surfacing, etc. road near here, to W. E. Callahan Contr. Co., Ry. Exch. Bldg., St. Louis, $20,180; constructing bridges on above road, to C. A. Tant Constr. Co., Portagesville, $5,686. Noted Aug. 13.

Tex., Boston—F. V. Lanham, chn. State Hy. Comn., Austin, grading, bridging, etc. 5.41 mi. State Highway 5 between New Boston and Red River, State Aid Project 605, 26 ft., to C. W. Burgess, Kirby Bldg., Dallas, $21,467. Engrs. est. $28,215. Noted July 23.

Tex., Henrietta — J. P. Williams, judge Clay Co., grading, bridging, etc. 6.05 mi. Henrietta-Jacksboro Rd., 26 ft., to Womack Constr. Co., Sherman, $28,756. Engrs. est. $30,000.

Tex., Houston—Paving Canal to Buffalo Sts. and Eagle Ave. from Fannin to La Branch St., to Uvalde Rock Asphalt Co., Bankers' Mortgage Bldg., Houston, $58,127 and $17,741 respectively. Engrs. est. $60,000.

Okla., Mangum — Grading and concrete paving 13,500 sq.yd. Oklahoma Ave., from Cleveland St., to Brooklyn 18, also Powers St., to T. E. Ward, 4401 Classen St., Oklahoma City, $41,634. Engrs. est. $43,600.

Okla., Tulsa—Grading, curbing and paving 5,679 sq.yd. various streets in Dist. 660, to Tibbetts & Pleasant, 229 North Nogales St., $26,255.

Washington—Cowlitz, Chehalis & Cascade R.R. Co., Chehalis, grading 6 mi. road extension from Lacamas to Salkum, 50 to 100 ft., to Graham Bros. & Medley, Chehalis. Noted July 2 under "Railroads."

Washington—State Hy. Dept., Olympia, clearing, grading and gravel surfacing 5 mi. Olympic Highway, Mason Co., to J. Allen Eng. Co., Olympia, $126,067, 4.6 mi. Chelan-Okanogan Highway, Okanogan Co., to Cole & Strong, Wenatchee, $25,525. Noted Aug. 6.

Wash., Bremerton—City Council, 6 in. concrete paving 17,700 sq.yd. 6th, 7th, Vente and Chester Sts., to R. L. Rowland, 620 Olympic Pl., Seattle, $53,085. Engrs. est. $64,233.

Wash., Seattle—King Co., concrete paving 11,276 sq.yd. Donohue Dist. 12, Endolyne, to J. H. Collins, Puyallup, $43,800. Engrs. est. $41,046.

Calif., Merced — Supervs. Merced Co., Willite concrete paving 3.1 mi. Los Banos Rd., Yosemite-to-the-Sea Highway, to Valley Paving & Constr. Co., 15th and G Sts., $45,764. Noted July 30.

Ont., Chippawa—Curbing, guttering and sheet asphalt on concrete paving 18,000 sq.yd. various streets, to Brennan Constg. Co., 400 Gage Ave. N. Hamilton. Engrs. est. $75,000. Noted July 9.

Ont., Ottawa—Bd. Control, sheet asphalt paving St. Patricks St., to Standard Paving Co., Ltd., Central Chambers, Elgin St., $116,000. Noted Aug. 20.

Ont., Ridgetown—W. A. Smith, chn. Bd. Works, rein.-con. paving Main St., to Cadwell Sand & Gravel Co., Windsor. Engrs. est. $40,000. Noted Aug. 13.

B. C., North Vancouver—Concrete paving, ¾ mi. approach to North end of Second Narrows Bridge, to Cotton Co., Ltd., False Creek Yards, Vancouver, at $2.85 per sq.yd., total $27,250. Engrs. est. $30,000.

Buildings—Industrial

PROPOSED WORK

Mass., Charlestown (Boston P. O.)—SHOP—City, Schoolhouse Dept., City Hall, having plans prepared by G. S. McLaughlin, 80 Boylston St., Boston, 1 story and basement, 60 x 125 ft. wood and metal working shop, brick. $40,000.

Mass., East Boston (Boston P. O.)—MILL—Maverick Mills, 144 Addison St. will not construct 2 story and basement, 40 x 60 ft. brick and timber, Addison St. $40,000. Project abandoned. Noted Aug. 20.

Mass., Everett (Boston P. O.)—PLANT—Merrimac Chemical Co., 148 State St., Boston, having plans prepared 1 and 2 story, brick addition, here. $40,000. Private plans.

Mass., Framingham—MANUFACTURING—Dennison Mfg. Co., Howard St., plans 2 story manufacturing building. To exceed $40,000. W. S. Fitch, c/o owner, engrs.

Mass., Rutland—SHOP and GARAGE—Prescotts Bus Line, c/o C. Prescott, Maple Ave., plans brick and steel repair shop and garage. $40,000. Engineer and architect not selected.

Conn., Bridgeport—TYPEWRITER RIBBON FACTORY — Remington Typewriter Co., Railroad Ave., had plans prepared 3 story, rein.-con., brick and steel addition. $50,000. Private plans.

Conn., Waterbury—FACTORY—A. H. Wells & Co., 563 Watertown Ave., had plans prepared 1 story, 100 x 145 ft., brick and concrete addition. $50,000. Private plans.

N. Y., Buffalo—CREAMERY—Fairmount Creamery Co., 172 Michigan Ave., soon lets contract 9 story and basement, 100 x 128 ft., brick and rein.-con. creamery. $500,000. Plumer & Mann, 700 Main St., archts.

Pa., Phila.—DYEING and CLEANING—Ballinger Co., archts., 12th and Chestnut Sts., rejected bids Aug. 20, 1 story, 234 x 235 ft., rein.-con., brick and steel, plain foundation, Heiskill and Magnolia Sts., for Herzog Co., Inc., 5904 Germantown Ave. $200,000.

Pa., Wilkes-Barre—WIRE ROPE FACTORY—Hazard Mfg. Co., 81 Ross St., having plans prepared by McCormick & French, 2nd Natl. Bank Bldg., wire rope factory. $500,000.

Md., Baltimore—SHOP—Kimball-Tyler Co., 261 South 8th St., had plans prepared by Stehl & Michel, 100 North Liberty St., 1 story, rein.-con. and brick, plain foundation, 8th St. $75,000.

Ga., Rossville—POWER PLANT—Peerless Woolen Mills, soon takes bids 140 x 460 ft. concrete and brick power house. W. H. Sears, James Bldg., Chattanooga, Tenn., engr.

Fla., Ft. Pierce—ICE PLANT—St. Lucie Ice Co., R. Wythe, pres., plans 150 ton ice plant. $150,000.

Fla., St. Petersburg—GAS PLANT—City, election Sept. 8, $254,000 bonds, extension to gas plant; and $236,000 bonds, extending gas mains in various streets. S. S. Martin, dir. Finance.

Fla., St. Petersburg—POWER PLANT—Election Sept. 8, $235,000 bonds, 2 additional units to power plant. S. S. Martin, dir. Finance.

La., Cedar Grove—PLANING MILL—Red River Lumber Co., Shreveport, plans planing mill, at plant, here.

Wis., Mauston — CREAMERY—Mauston Creamery Co., L. Larsen, pres., plans 2 story, 46 x 60 ft., brick and concrete, plain foundation. $40,000. Private plans.

Wis., Milwaukee—MANUFACTURING—A. O. Smith Co., 27th St. and Keefe Ave., having plans prepared by E. W. Burgess, archt. and engr., c/o owner, 1 story, 182 x 520 ft., concrete and steel, plain foundation, 27th St. $90,000. Structural steel, for above to Lakeside Bridge & Steel Co., North Milwaukee.

Wis., Milwaukee—MANUFACTURING—Wellauer Estate, 3324 Sycamore St., plans rebuilding 4 story manufacturing plant, Huron St., recently destroyed by fire. To exceed $40,000. Engineer and architect not selected. Reichardt Automotive Supply Co., 91 Huron St., lessee.

Tex., Brownsville—ICE and COLD STORAGE PLANT—Brownsville Ice & Cold Storage Co., plans 30 x 50 ft., concrete and brick plant, 45 ton capacity, near Rio Grande Ry. Station. $100,000. H. S. Shaner, c/o owner, engr.

Tex., Donna—PACKING PLANT—H. Hansen, Donna, plans canning and packing plant. $40,000. Private plans.

Tex., Eagle Lake—COTTON MILLS—Independent Cotton Mills, having plans prepared by B. H. Faber, engr. and archt., Eagle Lake, 2 story, concrete mill. $250,000.

Tex., El Paso—COTTON COMPRESS—Newburger Cotton Co., having preliminary plans prepared cotton compress., rein.-con. and brick. $250,000. Engineer and architect not selected.

Tex., El Paso—SUGAR MILL—A. Y. Smith, Pearce, Ariz., plans 2 story and basement, rein.-con. and brick, plain foundation, here. $200,000. Private plans.

Tex., Kingsville — ICE PLANT — West Texas Utilities Co., Frost Bldg., San Antonio, and Kingsville Ice & Electric Co., making plans 50 ton ice plant and 1,000 ton storage plant. $100,000. Private plans.

Tex., Lamesa—COTTON MILL—M. A. Fuller Cotton Oil Co., Snyder, making plans 2 story, rein.-con. and brick, plain foundation, here. $130,000. Private plans.

Tex., Mexia — CHEMICAL PLANT — Western Agricultural Chemical Co., having preliminary plans prepared 2 story and part basement, 60 x 200 ft., rein.-con. and brick, plain foundation. $50,000. Private plans.

Tex., Wichita Falls—CREAMERY—Mistletoe Creamery Co., making surveys, 2 or 3 story, 50 x 100 ft., rein.-con., brick and stone, plain foundation. $100,000. Engineer and architect not selected.

Tex., Yoakum—HOSIERY MILL—Yoakum Hosiery Mills Co., having preliminary plans prepared 1 story, 100 x 200 ft., rein.-con., brick and stone, plain foundation. $75,000. Private plans.

Ont., Wallaceburg—GLASS PLANT—Dominion Glass Co. having plans prepared rebuilding and enlarging flint glass plant, storage building, etc. $100,000. Private plans.

BIDS DESIRED

Mass., Dorchester (Boston P. O.) — FACTORY — Skinner Organ Co., Sydney St., taking bids 2 story, brick addition, Sydney St. and Crescent Ave. $40,000. Monks & Johnson, 99 Chauncy St., Boston, archts.

N. J., Atlantic City—POWER PLANT — Sept. 4, by Stewart & Jelett Co., engrs., 12th and Locust Sts., Phila., 6 story, 75 x 124 ft., brick and steel power plant. $200,000.

Md., Baltimore—BAKING PLANT—Sept. 14, by C. B. Comstock, archt., 116 West 40th St., New York City, 2 and 3 story, rein.-con., brick, plain foundation, 20th, Sherwood, Harford, and North Sts., here, for General Baking Co., 342 Madison Ave., New York City. Noted May 14.

O., Cleveland — DAIRY and BOILER HOUSE — Ohio Farmers Co-operative Mills Co., R. W. Strong, secy., 3068 West 106th St., taking bids and opens same about Aug. 28, 1 story, 40 x 80 ft. and 40 x 40 ft., brick, steel and concrete dairy and boiler house. $50,000. Wright & Hohl, 4614 Prospect Ave., archts. Noted July 23.

O., Cleveland — FACTORY and WAREHOUSE—Vitrolite Co., C. A. Myers, pres., 2907 Detroit Ave., taking bids 2 story and basement, 44 x 147 ft., brick and steel, 2909 Detroit Ave. $50,000. A. B. Sylvanus & Co., 6014 Euclid Ave., archts. Noted July 23.

O., Lorain—BAKERY—J. Spang Baking Co., J. Spang, pres., 2701 Barber Ave., Cleveland, taking bids, 1 story, 70 x 100 ft., brick and steel addition, here. $40,000. E. Huberty, 5503 Utica Ave., Cleveland, archt.

Wis., Milwaukee—COLD STORAGE PLANT—Dick & Bauer, archts., 811 State St., taking bids 1 story and basement, 52 x 150 ft., brick and concrete, plain foundation, 5th St., for Fiebrantz Commission Co., 370 5th St. $40,000.

CONTRACTS AWARDED

Mass., Cambridge (Boston P. O.) — CANDY FACTORY — Daggett Chocolate Co., 35 Lewis Wharf, Boston, 6 story and basement, 80 x 180 ft., Massachusetts Ave., Main and Ames Sts., to W. H. Bailey Co., 88 Broad St., Boston. Archts. est. to exceed $40,000. Noted Aug. 27.

Mass., Boston—ICE PLANT—Boston Ice Co., 110 State St., 1 story, 150 x 210 ft., rein.-con., brick and steel, Albany St., to Somers & Drisco, 168 Dartmouth St. Archts. est. $100,000. Noted Aug. 20.

Mass., Boston — REPAIR SHOP and GARAGE — Dedham & Hyde Park Gas & Electric Co., 1242 River St., Hyde Park 1 story rein.-con., River St., here, to C. C. Temple Co., 99 Chauncy St., Boston. Archts. est. $50,000. Noted July 9.

Mass., East Boston (Boston P. O.) — MILK PLANT — H. P. Hood & Sons, Rutherford Ave., Charlestown, 1 story 95 x 215 ft., rein.-con. and brick, plain foundation, Bennington St., to Cross & Roberts, Inc., 101 Milk St., Boston. Archts. est. $75,000.

Mass., Somerville (Boston P. O.)—REPAIR and SERVICE GARAGE—E. Stone, c/o F. A. Norcross, archt., 46 Cornhill St., Boston, 1 story, rein.-con. and brick, 122 Bway., here, to M. Peraner, 200 Washington Ave., Chelsea. Archts. est. $100,000. Noted Aug. 13.

Conn., New Britain—FACTORY—Fafnir Bearing Co., Booth St., 6 story, 60 x 165 ft., concrete and steel, plain foundation, Orange St., to Aberthaw Constr. Co., 27 School St., Boston. Archts. est. $200,000. Noted Aug. 20.

Pa., Bethlehem—FACTORY and OFFICE—Holland Furnace Co., Holland, Mich., general contract for factory, etc., here, to F. H. Clement, & Co., Bethlehem. Archts. est. $195,000.

Pa., Columbia — FACTORY — Columbia Lace Co., general contract for lace factory addition, to J. H. Wichersham, Lancaster. Archts. est. $40,000.

Pa., Minersville — SHIRT FACTORY — H. D. Bob Shirt Co., general contract for factory, to H. A. Moore, Milton. Archts. est. $50,000.

Pa., Nazareth — WAIST FACTORY — Nazareth Waist Co., general contract for factory addition, to Hahn & Gold, Nazareth. Archts. est. $40,000.

Pa., Phila.—FACTORY—Certain Teed Products Corp., 1 story, 70 x 153 ft. warehouse, 1 story, 20 x 230 ft. call house, 65 ft. high, and 3 story, 45 x 90 ft. coating building, brick and steel, plain foundation, 2nd and Erie Sts., to Stofflet & Fillotson, Wesley Bldg. Archts. est. $250,000.

Buildings—Industrial (Continued)

Pa., Pine Grove—POWER PLANT—Pennsylvania Power & Light Co., Allentown, addition to power plant, to Phoenix Utility Co., Allentown. $3,600,000.

Pa., Pittsburgh—GARAGE and PLANT—Natl. Biscuit Co., 6400 Penn Ave., 3 story and basement addition, Aurelia St., to D. T. Rille, 1006 Forbes St. Archts. est. $150,000.

W. Va., Huntington—BOILER SHOP—Chesapeake & Ohio R.R. Co., C. W. Johns, ch. engr., Richmond, Va., 1 story, 140 x 404 ft., rein.-con., brick and steel boiler shop, plain foundation, here, to Hinkle Constr. Co., Cincinnati, O. Archts. est. $400,000.

N. C., Hendersonville—STEAM ELECTRIC PLANT—Balfour Mills, 53 x 75 ft., rein.-con. and brick buildings, to Fiske-Carter Constr. Co., Greenville.

Fla., Bradentown—GAS PLANT—City, gas plant and distribution system, to Amer. Gas Constr. Co., Newton, O. $99,-500. Noted July 9.

Fla., Jacksonville—BAKERY — Dorsey Baking Co., 2341 Main St., 2 story and basement, 85 x 427 ft., brick and rein.-con., to Lundoff-Bicknell Co., B. F. Keith Bldg., Cleveland, O. Archts. est. $400,000. Noted Mar. 26.

Fla., St. Augustine—SHOPS—Florida East Coast R.R. Co., W. G. Brown, ch. engr. 120 Bway., New York City, brick and steel railroad shops, here, to Foundation Co., Hurt Bldg., Atlanta, Ga. Archts. est. $3,-000,000.

Ala., Birmingham — NEWSPAPER PLANT—Birmingham News Publishing Co., 2 additional stories, 53 x 87 ft., 4th Ave. to Smallman-Brice Co., 1115 Ave. E. $200,-000.

Miss., Starkville — FACTORY — Borden Condensed Milk Co., 510 North Dearborn St., Chicago, Ill., general contract 2 story, brick and concrete, Montgomery and Illinois Central R.R. tracks, here, to D. D. Thomas & Sons, 463 North Dunlap St., Memphis, Tenn. Archts. est. approximately $75,000. Noted Jan. 1.

Tenn., Chattanooga—DYEING PLANT—Central Franklin Process Co., 2 story, 41,000 sq.ft. floor space, brick and steel, to Gallivan Constr. Co., Greenville, S. C.

O., Cleveland — LIGHT PLANT — City, 1 story, 27 x 53 ft., and 40 x 63 ft., brick, steel and concrete, East 53rd St., to deHamel Constr. Co., Plymouth Bldg. Archts. est. $70,000.

O., Cleveland—FACTORY—Purity Cream Cheese Co., E. Van Korngut, pres., 760 Central Ave., 1 story, 30 x 120 ft., brick, steel and concrete, East 11th St. and Central Ave., to P. J. Keehn Co., 1244 St. Clair Ave. Archts. est. $40 000. Noted Sept. 4, 1924.

Ill., East St. Louis—FREIGHT STATION—Cleveland, Cincinnati, Chicago & St. Louis R.R. Co., Union Central Bldg., Cincinnati, O., 3 story, 40 x 200 ft., concrete and brick, Front St., here, to Walsh Constr. Co., 19 South La Salle St., Chicago.

Ill., Murphysboro—POWER PLANT—Southern Illinois Gas Co., brick and concrete building, incl. additional 1,250 k.v.a. unit and two 500 hp. boilers, etc., to Stone & Webster, Inc., 147 Milk St., Boston, Mass. Engrs. est. $300,000. Noted Aug. 6.

Ill., Sterling—FACTORY—Northwestern Barb Wire Co., 2 story, 80 x 140 ft., rein.-con. factory, to Austin Co., 160 North La Salle St., Chicago. Archts. est. $40,000.

Mich., Iron Mountain—GAS PLANT—Iron Mountain Gas Co., 2 story, 62 x 80 ft., brick and concrete addition, to G. Gustafson & Co., Norway. Engrs. est. $40,000.

Wis., Alverno (Manitowoc P. O.) — BOILER HOUSE — Holy Family Convent, Route 1, Manitowoc, 2 story and basement, brick and concrete, plain foundation, here, to W. W. Oeflein, 86 Michigan St., Milwaukee. Archts. est. $100,000. Noted July 23.

Wis., Milwaukee—PRINTING PLANT—Tharinger & Bruecker, archts., 496 Cramer St. 2 story and basement, 32 x 127 ft., rein.-con. and brick, plain foundation, Florida Ave., to Byrne Bros., 3112 Burleigh St., for Milwaukee Printing Co., 377 Florida St. Archts. est. $40,000. Noted Aug. 6.

Wis., Milwaukee — FOUNDRY — South Side Malleable Casting Co., 14th and Windlake Aves., 1 story, 179 x 186 ft., brick and steel addition, plain foundation, 14th Ave., to W. W. Oeflein, 86 Michigan St.

Mo., St. Louis—FACTORY—Chandeysson Electric Co., 4092 Bingham Ave., 50 x 120 ft., rein.-con. and steel addition, 50 ft. high, Bingham Ave., to Widmer Eng. Co., Laclede Gas Bldg. Archts. est. $50,000.

Tex., Beaumont—POWER PLANT—Eastern Electric Co., (1st unit) power station, 300,000 kw. capacity, incl. 25,000 kw. turbo-generator and auxiliaries, etc., to Stone & Webster, Inc., 147 Milk St., Boston. Noted July 16.

Calif., Alhambra—FACTORY—A. I. Root Co., 1824 East 15th St., Los Angeles, 1 story, 90 x 220 ft., rein.-con., Westminster St., to Austin Co. of California, 777 East Washington St., Los Angeles. $40,000.

BRIDGE—PENNSYLVANIA AND NEW JERSEY

Bids were opened by Delaware River Bridge Joint Commission, Widener Bldg., Philadelphia, June 17, for concrete slabs and paving of roadway and footwalks for bridge over Delaware River connecting Philadelphia and Camden. Contr. No. 21-B, (A) F. J. Boas, 201 North Broad St. (awarded contract); (B) Acchione & Canuso Paving Co., 804 South 12th St.; (C) Frederick Snare Corporation. The unit bids are as follows:

	A	B	C
5,100 cu.yd. roadway slabs, approaches	$27 00	$35 50	$51 00
3,400 cu.yd. roadway slabs, suspended spans	35 00	39 80	57 00
19,000 sq.yd. footwalk slabs	4 50	3 46	6 00
Tower crosswalk slabs (lump sum)	1,370 00	1,000 00	2,500 00
29,000 sq.yd. granite block paving	6 92	6 67	6 35
320 lin.ft. granite curb—17½ in.	11 00	9 45	8 00
2,100 lin.ft. granite curb—10 in.	7 00	7 85	6 00
19,500 sq.yd. sheet asphalt paving	4 62	4 53	5 40
721,000 lin.ft. placing steel reinforcing trusses	.025	.0235	.10
990,000 lb. reinforcing steel	.06	.0606	.07
30,000 lb. reinforcing truss and bar spacers	.28	.35	.20
100 bbl. cement	3 63	3 06	4 00
2,200 lb. cast iron	.25	.27	.30
33 expansion joints—approach, roadways	534 00	564 00	500 00
74 placing stress expansion joints	53 00	90 00	60 00
7,000 lb. galvanized gutter plates	.18	.20	.30
Filling tower bases (lump sum)	4,110 00	4,023 00	5,000 00
Extended totals	$766,212	$803,417	$1,051,510

Buildings—Commercial

PROPOSED WORK

Mass., Boston—APARTMENT HOTEL—W. J. Stober, 60 Ames Bldg., plans 10 story and basement apartment hotel, Newbury St. To exceed $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.)—APARTMENT—Wendell Gardens Court, Inc., c/o Derby & Robinson, archts., 5 Joy St., Boston, having preliminary plans prepared 4 story and basement, 90 x 120 ft., brick and limestone, 12 Wendell St., here. $250,000.

Mass., Hyde Park (Ind. sta. Boston)—BANK—Hyde Park Co-Operative Bank, having preliminary plans prepared by O. A. Thayer, 89 Franklin St., Boston, 2 story and basement, brick and stone bank building. $150,000.

Mass., Hyannis—HOSPITAL—Syndicate, c/o C. L. Ayling, Centerville, raised $150,-000 funds, for brick and steel hospital.

Mass., Lynn—TEMPLE—Temple Bethel, H. Yozell, pres., 11 Gray Circle, having plans prepared by G. A. Cornet, 10 Central Ave., 1 story and basement, rein.-con., brick and stone, plain foundation, Breed and Lewis Sts. $150,000. Noted May 28.

Mass., Nantucket—HOTEL—E. Haynes, plans reconstructing hotel, recently destroyed by fire. $150,000. Engineer and architect not selected.

Mass., Somerville (Boston P. O.) — STORE and OFFICE — See "Contracts Awarded."

Conn., Derby — THEATRE — Malm Amusement Co., Inc., 220 Bway., New York City, having revised plans prepared by Starrett & Van Vleck, 8 West 40th St., New York City, and soon takes new bids 2 story, 65 x 90 ft., and 100 x 122 ft., brick, stone and steel, theatre, here. $250,000. Former bids rejected. Noted Aug. 20.

Conn., New Britain — OFFICE and THEATRE — M. Bailey, Foxon Rd., East Haven, and A. Molstein, 146 Sherman Ave., New Haven, plan brick and steel store and theatre, West Main St. $800,000.

Conn., New Haven—STORE and OFFICE—I. H. Lavine, 42 Church St., plans 12 story store and office building, Church St. To exceed $150,000. Engineer and architect not selected.

Conn., New Haven — TEMPLE — Olive Branch 84, 909 Whalley Ave., having plans prepared by R. W. Foote, 285 Church St., masonic temple. $150,000 or more.

N. Y., New York—APARTMENT—Twenty-Six East Seventy-Sixth St. Corp., c/o Schwartz & Gross, archts. and engrs., 347 5th Ave., having plans prepared 15 story, 100 x 102 ft., brick, steel and stone, plain foundation, East 76th St. $1,500,000.

N. Y., New York City—APARTMENT—Duo Building Corp., c/o J. M. Felson, archt. and engr., 250 West 57th St., having plans prepared 6 story, 100 x 109 ft., brick, steel and stone, plain foundation, Cypress Ave. and 140th St. $280,000.

N. Y., New York—APARTMENT—J. I. Walsh, 73 West 11th St., plans 15 story, brick, steel and stone, plain foundation, Waverly Pl. $1,200,000. Engineer and architect not selected.

N. Y., New York — OFFICE — A. E. Lefcourt, 1381 Bway., plans 20 story, brick, steel and stone, 625 6th Ave. Engineer and architect not selected.

N. Y., New York—THEATRE—Owner, c/o H. Huritz, archt., 41 West 33rd St., had plans prepared 15 story, brick, steel and stone, plain foundation, 52nd and 53rd Sts. between Bway. and 8th Ave. $6,000,000.

N. Y., New York—WAREHOUSE—Manhattan Storage & Warehouse Co., Lexington Ave. and 42nd St., plans 15 story, rein.-con., brick and steel, plain foundation, 3rd Ave. and 80th St. $900,000.

N. J., Atlantic City—HOSPITAL—Atlantic City Hospital, South Ohio Ave., plans hospital. H. A. Stout, Guarantee Trust Bldg., archt.

N. J., Atlantic City — STORE and APARTMENT—H. Alpern Bros., having plans prepared by H. A. Stout, Guarantee Trust Bldg., 5 story and basement, 30 x 100 ft., brick and steel, Illinois and Atlantic Aves.

N. J., Burlington—DORMITORY—New Jersey Grand Lodge of Masons, Broad St., Bank Bldg., Trenton, plans 3 story boys' dormitory, brick and limestone, at State Masonic Home, Jacksonville Rd., near here. C. H. Prickett, Burlington, head of com. $40,000.

N. J., Camden—NURSES HOME, etc.—New Jersey Homeopathic Hospital, Mt. Epraim and Atlantic Sts., having plans prepared by Lackey & Hettle, 5 Hudson Ave., 5 story and basement, 45 x 115 ft., and 56 x 105 ft., nurses' home and children's quarters, brick and steel, plain foundation. $300,000.

N. J., Passaic—APARTMENT—S. E. Acher, c/o Rouse & Goldstone, engrs. and archts., 512 5th Ave., New York City, having plans prepared three 5 story, brick, steel and stone, plain foundations, Jackson St. $250,000 each.

Pa., Pittsburgh—SALES and SERVICE—F. D. Saupp, Inc., 5928 Penn Ave., having plans prepared by Eric Fisher Wood Co., Hardy Hays Bldg., 2 story and basement, 106 x 150 ft., rein.-con. and steel, Center Ave. $150,000.

Pa., Pittsburgh — WAREHOUSE — H. J. Heinz Co., 1062 Progress St., having plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, Mich., 5 story and basement, 100 x 333 ft., rein.con. and steel, Penn Ave. $1,500,000.

W. Va., Huntington — GARAGE — A. J. Dalton takes bids about Oct. 10, 5 story, 171 x 185 ft., rein.-con. garage, 5th Ave. $200,000. Meanor & Handloser, Professional Bldg., archts.

W. Va., Huntington—OFFICE and GARAGE—H. E. and E. C. Hines had plans prepared by Meanor & Handlosser, Professional Bldg., 3 story and basement, 185 x 185 ft., rein.-con., brick, steel and stone, 5th Ave. $350,000.

W. Va., Morgantown—HOTEL—L. Lepera having plans prepared by C. Reger, Morgantown, and takes bids about Sept. 15, 5 story, 60 x 74 ft., rein.-con. and brick, University Ave. $150,000.

N. C., Winston-Salem—OFFICE—W. M. Nissen, plans 15 story, 100 x 125 ft., limestone and steel, 4th and Cherry Sts. W. L. Stoddard, 50 East 41st St., New York City, archt.

Fla., Ft. Myers—OFFICE—Estate of H. E. Heltman, plans 2 story office building. $200,000. F. J. Kennard & Son, Kraus Bldg., Tampa, archts.

Fla., Lakeland—HOTEL—H. S. Duncan, Lakeland, and Lake Parke, having plans prepared by Talley, Bulkley & Talley, Lakeland, 7 story hotel in Lake Parke, near here. $500,000.

Fla., Miami—APARTMENT—Meyer-Kiser Corp., Conie Arcade Bldg., having plans prepared by George & Zimmerman, Meyer-Kiser Bank, Indianapolis, Ind., 3 story and basement 46 x 84 ft., rein.-con. and brick apartment. $165,000.

Fla., Sebring—HOTEL—Sebring Development Co., plans 4 story hotel. $425,000.

Buildings—Commercial (Continued)

Fla., St. Petersburg—APARTMENT—G. F. Young, having plans prepared by L. Avery, St. Petersburg, 3 story hotel, 24th and Central Ave. $240,000.

Fla., Tampa—APARTMENT—E. S. Richardson, Lansing, Mich., plans 8 story, 100 x 136 ft. apartment, Ross and Highland Sts., here. $200,000.

Fla., Tampa—OFFICE—Guarantee Title Co., Marion and Twigg Sts., plans 13 story office building, Lafayette St. $750,000. P. R. Robin, prec.

Ala., Mobile—THEATRE—Saenger Amusement Co. having plans prepared by E. Weil, Whitney Annex, New Orleans, La., 1 story and balcony, 120 x 220 ft., rein.-con., brick and steel, Joachim St. between Conti and Dauphine Sts. $750,000.

Miss., Gulfport—EXCHANGE—Cumberland Telephone & Telegraph Co., 78 South Pryor St., Atlanta, Ga., takes bids about Oct. 24 or Nov. 24, 3 story, rein.-con. and brick exchange building, here. $150,000. Marye, Alger & Alger, Walton Bldg., Atlanta, Ga., archts.

Miss., Pascagoula — HOTEL — H. W. Fitzpatrick, et al., 222 Royal St., New Orleans, La., having preliminary plans prepared by W. T. Nolan, Canal-Commercial Bldg., New Orleans La., 3 story, 250 room, rein.-con., brick and stone hotel, here.

Miss., Pascagoula—HOTEL—W. T. Nolan, archt., Canal Commercial Bldg., New Orleans, La., making plans 3 story fireproof tourist hotel, here. $1,000,000. Owner's name withheld.

O., Cleveland—HOSPITAL—City, S. Harmon, dir. Pub. Welfare, City Hall, plans brick, steel and concrete chronic and psychopathic hospital, Scranton Rd. $1,500,000. H. Kregelius, city archt.

Ill., Chicago—FIELD HOUSE—University of Chicago, 230 South Clark St., takes bids about Oct. 1, 1 story, 165 x 400 ft., brick and stone field house, plain foundation. Holabird & Roche, 104 South Michigan Ave., archts.

Ill., Chicago — OFFICE — Chicago Journeymen Plumbers Union, Room 701, 64 West Randolph St., plans office building, on 135 x 175 ft. site. $350,000.

Ill., Chicago—POLICE HEAQUARTERS—Commissioners Pub. Wks., Room 406, City Hall, takes bids about Dec. 1, 16 story and basement, 120 x 140 ft., rein.-con., stone and steel, caisson foundation, 11th and State Sts. $2,500,000. C. W. Kallal, 1012 City Hall, city archt.

Ill., Chicago—Berlin & Swern, archts., 19 South La Salle St., take bids about Sept. 1, 4 story, 119 x 151 ft., rein.-con. and brick building for Y. M. C. A. of Chicago, 19 South La Salle St. $650,000. Noted Apr. 30.

Wis., Madison—MEMORIAL—Memorial Union Com., J. Dollard, secy., State St., having plans prepared by A. Peabody, Capitol Bldg., 3 story, 60 x 270 ft., rein.-con., brick and steel, plain foundation, Langdon St. $1,100,000.

Ia., Keokuk—BANK and OFFICE—State Central Savings Bank having preliminary plans prepared by M. J. Geise, 3 story and basement, 40 x 140 ft., concrete, brick and stone, 6th and Main Sts. $300,000.

Ia., Mason City—C. H. McNider, chn. Y. M. C. A., soon takes bids 3 story, 132 x 165 ft., rein.-con., brick and stone building, incl. swimming pool and gymnasium, North Pennsylvania and 1st Sts. $300,000. Tyrie & Chapman, 1260 2nd Ave., Minneapolis, Minn., archts. Nov. 27, 1924.

Kan., Topeka—HOSPITAL—Christ Hospital Assn., 9th and West Sts., takes bids in October, 1 and 4 story, rein.-con. and brick hospital. $500,000. Schmidt, Garden & Martin, 104 South Michigan Blvd., Chicago, Ill., archts. Noted Feb. 7, 1924.

Kan., Topeka—THEATRE and HOTEL—Crosby Bros. et al., 7th and Jackson Sts., having preliminary plans prepared by T. W. Williamson & Co., 312 Central Natl. Bank Bldg., and Boller Bros., consult. archts., Douglas Bldg., Los Angeles, Calif., 3 story and basement, 74 x 125 ft., rein.-con., brick, stone and terra cotta theatre, West 7th St. near Jackson St., $150,000; and 12 story and basement, rein.-con., brick, stone and steel hotel, 7th and Jackson Sts.

Wyo., Torrington — ORPHANAGE — Catholic Church plans (1st unit) orphanage. $175,000. Engineer and architect not selected.

Mo., Kansas City—APARTMENT—S. I. Hoffman, Ridge Bldg., having plans prepared by DeFoe & Beecke, 1704 Grand Ave., 6 story and basement, 50 x 150 ft., rein.-con., plain foundation, 3232 Paseo Blvd.

Mo., Kansas City — OFFICE — Pickering Lumber Co., R. A. Long Bldg., having plans prepared by Shepard & Wiser, R. A. Long Bldg., 3 story and basement, office building on 67 x 168 ft. site, 11th and Central Sts. To exceed $200,000.

Mo., Maplewood (br. of St. Louis) — EXCHANGE—Southern Bell Telephone Co., Bway. and Locust St., St. Louis, takes bids about Sept. 21, 2 story and basement, rein.-con., brick and stone, Manchester and Lanham Aves., here. $250,000. Noted Aug. 20.

Ark., El Dorado—HOTEL—Exchange Realty Co., I. Felsenthal, secy., having preliminary plans prepared by Mann & Stern, 709 A.O.U.W. Bldg., Little Rock, 10 story and basement, rein.-con., brick, stone and terra cotta, Oak and Washington Sts. $500,000.

Ark., Little Rock—HOTEL—J. R. Young, c/o Main Hotel, having preliminary plans prepared by Wittenberg, Delony & Watts, 408 Southern Trust Bldg., 10 story, rein.-con., brick and stone. Main and Markham Sts. $550,000.

Tex., Dallas—HOME—Home of Our Lady Charity, c/o Mother Clement, 586 West Page St., having plans prepared by J. E. Overbeck, 717 Wilson Bldg., 1 and 2 story, rein.-con. and brick home. $150,000.

Tex., Madisonville—TEMPLE — Masonic Order, Madisonville, plans 2 story and part basement, rein.-con. and brick, plain foundation. $150,000. Private plans.

Tex., San Antonio — APARTMENT — Kelwood Co. and associates (owner and archts.), Travis Bldg., take bids after Sept. 7, 6 story, concrete, brick and tile, concrete foundation. $300,000. Noted Aug. 27.

Tex., San Antonio — APARTMENT — Syndicate, Houston, having preliminary plans prepared 12 story and basement, about 100 x 180 ft., rein.-con., stone and brick plain foundation, here. $1,500,000. Private plans.

Tex., Waco—MUNICIPAL—City having preliminary plans prepared 4 story and basement, rein.-con., brick and stone, plain foundation. $500,000. V. V. Koch, Waco, engr. and archt.

Tex., Waco—TEMPLE—Karem Temple AAONMS, having plans prepared by V. G. Koch, consult. archt., 6 story and basement, rein.-con. brick and stone, plain foundation. $300,000.

Okla., Ponca City — HOSPITAL — Ponca City Hospital Assn. having revised plans prepared by Schmidt, Garden & Martin, 104 South Michigan Ave., Chicago, Ill., 2 and 3 story and basement hospital. Former bids rejected. Noted July 30.

Ore., Astoria—HOSPITAL—Catholic Sisters of Charity Catholic Church of U. S., making plans 2 story, 125 room hospital, near here. $400,000. Engineer and architect not selected.

Ore., Portland—GARAGE—Corbett Estate, c/o H. L. Corbett, Corbett Bldg., plans 5 story, 100 x 200 ft., rein.-con. garage, sales room and office, Bway. and 6th St. $300,000. Engineer and architect not selected.

B. C., Prince Ruppert — HOTEL — Canadian Natl. Ry. Co., 230 St. James St., Montreal, Que., plans hotel, here. $1,000,000. H. Thornton, Montreal, pres.

BIDS DESIRED

Mass., Boston—GARAGE—See "Contracts Awarded."

Mass., Brockton—GARAGE—M. Goodman, 25 Pleasant St., taking bids 2 story, 78 x 240 ft., rein.-con., brick and steel, Main St. $175,000. M. L. Minor, 60 Pemberton Sq., Boston, archt.

Mass., Dorchester (Boston P. O.)—STORE and OFFICE—B. Brooker, 130 Worcester St., Boston, taking bids, altering and constructing 6 story and basement, rein.-con., brick and steel, addition Norfolk and Whitman Sts., here. $150,000. S. E. Moffie, 51 Cornhill St., Boston, archt.

Mass., Everett (Boston P. O.)—PLANT—Jackson Door & Window Co., 95 Canal St., Boston, taking bids altering and constructing 2 story, rein.-con. and steel plant addition. $40,000. Warren Eng. Corp., 50 Terminal St., Charlestown, engrs.

Mass., Fall River—STORE—Security System, c/o L. W. Besse, 21 Besse Pl., Springfield, taking bids 2 story and basement, 60 x 150 ft., brick and stone, South Main St., here. $150,000. W. E. Dibble, 317 Main St., Springfield, archt.

Mass., Medford (Boston P. O.)—STORE and OFFICE—See "Contracts Awarded."

Mass., New Bedford—STORE and OFFICE—F. Vera, 508 Pleasant St., taking bids 2 story and basement, 60 x 175 ft., rein.-con. and brick, Union St. $160,000. J. S. McIntyre, Times Bldg., archt.

Mass., Norwood—HOSPITAL—Sept. 4, by J. W. Beals, archt., 185 Devonshire St., Boston, taking bids 3 story and basement, 45 x 104 ft. with 42 x 90 ft. wing, brick and limestone, plain foundation, Washington St., here, for Norwood Hospital. $200,000. Noted July 30.

Mass., Somerville (Boston P. O.)—HOSPITAL — Blackall & Elwell, archts., 44 Bromfield St., Boston, taking bids 2 story and basement, brick hospital, here. $150,000. Owner's name withheld. Noted Aug. 6.

Mass., Quincy (Boston P. O.) — THEATRE—See "Contracts Awarded."

Pa., Phila.—APARTMENT—A. Muller, archt., 901 Walnut St., taking bids brick and steel, plain foundation, 41 Park Ave., for P. Levy, c/o architect.

Pa., Phila.—HOME—Sept. 14, by H. Lester, archt., St. Girard Bldg., 5 story and basement, 37 x 119 ft., with two 34 x 111 ft. wings, rein.-con., brick and steel, plain foundation, Bensalem Way and Hoffnagle St., for Baptist Home of Phila., 16th and Norris Sts. $300,000.

Pa., Phila.—OFFICE—Sept. 9 (extended date), by E. B. Temple, asst. ch. engr., Pennsylvania R.R. System, Broad St. Sta., 14 story and basement, 150 x 200 ft., steel, 32nd and Market Sts. $3,300,000. Graham, Anderson, Probst & White, Ry. Exch. Bldg., Chicago, Ill., archts. Noted Aug. 20.

Pa., Phila.—RESTAURANT and OFFICE—Sept. 8, by R. Benckert, archt., Bellevue Court Bldg., 9 story and basement, 42 x 153 ft., rein.-con., brick and steel, plain foundation, 16th and Chestnut Sts., for Horn & Hardart Co., 240 South 10th St. $600,000.

Fla., Miami—COURT HOUSE and CITY HALL—Sept. 15, by Comrs Dade Co., 3 story and basement, about 168 x 168 ft., and 4 story, sub-basement about 138 x 138 ft., surmounted with 18 story, 78 x 78 ft. tower, rein.-con., and steel. J. D. Redchan.

Miss., Biloxi—HOTEL—Sept. 12, by C. Matthes, archt., 5 story, 116 room, rein.-con., stucco and steel addition to Buena Vista Hotel, for Buena Vista Hotel Co. $300,000. Noted Aug. 27.

Tenn., Nashville—OFFICE—Sept. 10, by C. K. Colley & Co., archts., 4th and 1st Natl. Bank Bldg., "Berry Tower," 20 story and basement, 42 x 60 ft., concrete, brick, steel and stone, 6th Ave. N., for Berry Realty Co., 6th Ave. $500,000.

O., Cleveland — APARTMENT — D. M. Horwitz, 878 Herrick Rd., taking bids 3 story and basement, 49 x 220 ft., brick and steel timber, 1532 Ansel Rd. $200,000. M. Weis, 617 Union Bldg., archt.

O., Cleveland—EXCHANGE—Sept. 22, by Hubbell & Benes, archts., 4500 Euclid Ave., 22 story, 154 x 159 ft., main telephone building, brick, steel, and concrete, East 8th St. and Huron Rd., for Ohio Bell Telephone Co., 4300 Euclid Ave. $4,000,000. G. A. Kositsky, 4300 Euclid Ave., engr.

O., Lakewood (Cleveland P. O.) — APARTMENT — C. B. Kurtz, c/o Kurtz Motor Car Co., Lorain Ave., and New York Central R.R. tracks, Cleveland, taking bids 3 story, brick and timber, Clifton Blvd., here. $200,000. F. F. Book, 146 East 212th St., Cleveland, archt.

Ind., Indianapolis—APARTMENT—See "Contracts Awarded."

Ill., Chicago—APARTMENT—Sept. 5, by A. S. Hecht, archt., 155 North Clark St., 5 story and basement, 75 x 142 ft., rein.-con. and brick, 6131 Winthrop Ave., for B. A. Kusel, c/o architect. $350,000.

Ill., Chicago—OFFICE and STORE—D. Frank Chase, Inc., archts., 720 North Michigan Blvd., taking bids Starck Building 10 story and basement, rein.-con., brick and stone, 223-232 South Wabash Ave., for P. A. Starck Piano Co., 210 South Wabash Ave. $475,000.

Wis., Milwaukee—HOSPITAL—Sept. 10, by R. Stoelting, comr. Bd. Pub. Wks., 2 story and basement 47 x 270 ft., brick and concrete addition to South View Hospital, plain foundation, Mitchell St. $150,000. C. E. Malig, City Hall, archt.

Wis., North Milwaukee (Milwaukee P. O.)—THEATRE—Sept. 7, by E. A. Meyer, archt., 2703 Lisbon Ave., Milwaukee, 2 story and basement, 92 x 120 ft., brick and concrete, plain foundation, Villard Ave., for M. Brumm. $175,000. Noted July 30.

Neb., Grand Island—APARTMENT—See "Contracts Awarded."

Mo., St. Joseph—CITY HALL—Sept. 17 (extended date), by Dept. Pub. Wks., general contract 3 story, 120 x 120 ft., rein.-con. and steel, concrete foundation, 10th and Frederick Sts. $500,000. Echel & Aldrich, 1105 Corby Bldg., archt. W. K. Seitz, city engr. Noted Aug. 20.

Tex., Breckenridge—COURT HOUSE and JAIL—Oct. 12 (extended date) by J. W. Hill, judge Stephens Co., 4 story and basement, 80 x 140 ft., rein.-con., brick, stone and terra cotta, plain foundation. $400,000. D. S. Castle Co., 26-31 Radford Bldg., Abilene, engrs. and archts. Noted Aug. 6.

Okla., Tulsa — APARTMENT HOTEL — Sept. 10, by Shepard & Wiser, archts., 1208 R. A. Long Bldg., Kansas City, Mo., 8 story, rein.-con. and brick, 15th and Frisco Sts., here, for A. and H. J. Sophian, Waldheim Bldg., Kansas City, Mo. $1,000,000. Noted July 30.

BIDS RECEIVED

Mass., Boston—HOSPITAL—Bd. Trustees Boston Sanitarium, City Hall, Aug. 26, 5 story and basement, 65 x 75 ft. out patient building, brick and stone, 57-61 Concord

Buildings—Commercial (Continued)

St., from J. B. Dolan, 43 Tremont St. $156,400. Noted Aug. 20.

Mass., Quincy (Boston P. O.)—HOSPITAL—City, P. E. Barbour, mayor, 3 story and basement, 40 x 160 ft., brick hospital, from C. H. Cunningham & Sons, 23 Central Ave., Lynn, $112,482. Noted July 9.

CONTRACTS AWARDED

Me., Biddeford—NURSES' HOME—Webber Hospital, E. H. Goldthwaite, chn., 2 story and basement, brick and stone, plain foundation, Elm St., to F. L. Emmons, 8 Orchid St. Archts. est. $150,000. Noted Aug. 13.

N. H., Franklin—ADMINISTRATION—Golden Rule Farm Assn., 3 story and basement, brick, to W. Dunlap, Laconia. Archts. est. $150,000. Noted Apr. 30.

Mass., Boston—APARTMENT—One Hundred Thirty-Seven Marlboro St., Inc., c/o Boardman Co., Ames Bldg., 10 story and basement, 4,500 sq.ft. floor space, brick and limestone, to Leighton-Mitchell Co., 89 Chauncy St., Boston. Archts. est. $250,000. Noted Aug. 6.

Mass., Boston—FIRE STATION—CITY Fire Dept., 61 Bristol St., 3 story and basement, 45 x 75 x 90 ft., brick, limestone, and granite, plain foundation, Shawmut Ave. and Tremont St., to Alco Contg. Co., 43 Tremont St., $345,000. Noted Aug. 20.

Mass., Boston—GARAGE—L. S. Kaufman, 43 Tremont St., will build 2 story, 100 x 200 ft., rein.-con. and brick, Lehigh and Albany Sts. $200,000. Work will be done by separate contracts. G. N. Jacobs, 4 Park St., Boston, archt. Noted July 30.

Mass., Boston—GARAGE—J. M. Howe, 10 State St., 6 story 140 x 180 ft., rein.-con., brick and steel, plain foundation, Cambridge and Green Sts., to Chase & Gilbert, 220 Devonshire St., Boston. Archts. est. $1,500,000.

Mass., Boston—HOTEL—Statler Hotel Co., 33rd St. and 7th Ave., New York City, 14 story and basement, stone and terra cotta, Province St. and Columbus Ave., here, to Dwight P. Robinson, Inc. c/o G. B. Post & Sons, archts., 101 Park Ave., New York City. Archts. est. $4,000,000. Noted Aug. 6.

Mass., Medford (Boston P. O.)—STORE and OFFICE — I. Lieberman, 1141 Blue Hill Ave., Dorchester, will build 1 and 2 story and basement, 45 x 95 x 100 ft., brick and stone, High and Canal Sts., by day labor. $150,000. S. S. Levy, 35 Court St., Boston, archt.

Mass., Quincy (Boston P. O.) — THEATRE—Wollaston Palace Theatre Co., W. W. Wilson, pres., 64 Fenno St., will build 2 story, 70 x 200 ft., brick and steel, Hancock St. by day labor under supervision of M. J. Allen, archt., State Theatre Bldg., Boston. $150,000. Noted July 9.

Mass., Somerville (Boston P. O.) — STORE and OFFICE — J. C. Niles, 206 Highland Ave., will build 3 story and basement, 65 x 100 ft., brick and stone, Highland Ave., by day labor. $150,000. Private plans.

Mass., Springfield—STORE and OFFICE—A Romano, 29 Locust St., 2 story and basement, 65 x 148 ft., brick and steel, 178 State St., to Schnare Constr. Co., 318 Main St. Archts. est. $150,000. Noted May 14.

Mass., Wellesley—HOSPITAL — Convalescent Home for Children, 2 story and basement, brick and stone addition, to W. A. Wentworth Co., 107 Pacific St., Cambridge. Archts. est. $150,000. Noted Aug. 6.

Mass., Worcester—OFFICE—F. W. Taylor, 438 Main St., 10 story and basement, brick and steel, to E. J. Cross Co., 82 Foster St. Archts. est. to exceed $150,000. Noted Aug. 13.

Conn., Manchester—ARMORY—State Armory, Hartford, 3 story and basement, brick and steel head house, and completing brick and steel armory, here, to Manchester Constr. Co., 647 Main St. Archts. est. $150,000. Noted Aug. 20.

Conn., New Haven—GARAGE, SHOP and SHOWROOM—H. W. Walker, Algonquin Rd., Bridgeport, 1 story, 150 x 190 ft., brick and steel, Davenport Ave., to Sullivan & McKeown, 937 Dixwell Ave. Archts. est. $175,000. White Motors, Inc., lessee.

Conn., Noroton—CLUB—Wee Burn Golf Club, J. W. Doty, pres., 120 Liberty St., New York City, 2 story and basement, 68 x 128 ft., stucco, Hanson Rd., to M. Mezzullo, 132 Pearl St., Port Chester, N. Y. Archts. est. $150,000.

Conn., Willimantic—OFFICE, etc.—Southern New England Telephone Co., High St., 2 story and basement, brick and steel, to Peck McWilliams Co., 47 West Main St., Norwich. Archts. est. $150,000. Noted July 30.

N. Y., Albany—GARAGE—Standard Oil Co. of New York, 26 Bway., New York City, 3 story, 150 x 170 ft., concrete garage, to Aberthaw Co., 27 School St., Boston, Mass. $200,000.

N. Y., New York—HOSPITAL—Park West Hospital, brick, steel and stone, plain foundation, West 78th St., to G. Richard Davis, 30 East 42nd St. Archts. est. $200,000.

N. Y., New York—OFFICE—C. A. Gould, c/o Warren & Wetmore, archts., 16 East 47th St., 14 story, brick, steel and stone, plain foundation, 5th Ave. and 54th St., to J. Baird Co., 441 Lexington Ave. Archts. est. $1,500,000. Noted Aug. 13.

N. Y., New York — OFFICE — Fred F. French, 350 Madison Ave. (owner and contractor), will build 31 story, brick, steel and stone, plain foundation, 5th Ave. and 45th St. $10,000,000.

N. Y., New York—THEATRE—Jerome Ave. Exhibition Co., Inc., c/o E. De Rosa, archt., 110 West 40th St., 5 story, brick, steel and stone, plain foundation, East Fordham Rd., to Simplex Building Corp., 1475 Grand Concourse. Archts. est. $1,000,000. Noted July 16.

N. J., Wildwood—HOTEL and STORE—Wildwood Hotel Co., H. F. Gaston, pres., 9 story and basement, 200 x 230 ft., brick and steel, plain foundation, Wildwood Ave. and Boardwalk, to Lynch Constr. Co., 1 Pershing Sq., New York City.

Pa., Allentown—HOTEL—Potruch & Gomery, general contract for hotel, to Potruch Constr. Co., Allentown. Archts. est. $1,500,000.

Pa., Chester—APARTMENT — J. T. Hoekstra, archt., 1713 Sansom St., 3 story and basement, 45 x 119 ft., brick and steel, 26 West 7th St., to Farrel-Roth Co., 123 South 21st St., Phila., for A. P. Musselman, 712 Fulton St. Archts. est. $150,000. Noted June 4.

Pa., Glenside — APARTMENT — E. M. Johnson, brick and steel, apartment, plain foundation, here, to E. A. Reeves, Abington. Archts. est. $150,000.

Pa., Harrisburg—HOME—Children's Industrial Home, 1900 Swatara St., industrial home, to C. Bushong, 1713 Boas St. Archts. est. $150,000.

Pa., Lehighton — MASONIC HALL — Jacoby & Everett, archts., Commonwealth Bldg., Allentown, 3 story and basement, 65 x 130 ft., brick and steel, plain foundation, here, to Ochs Constr. Co., 440 Wire St., Allentown, for Masonic Hall Assn. Noted July 23.

Pa., Phila.—BANK and OFFICE—Drexel & Co., 5th and Chestnut Sts., 7 story and basement, 50 x 90 ft., granite, concrete and steel, plain foundation, 15th and Walnut Sts., to Doyle & Co., 1519 Sansom St.

Pa., Phila.—HOUSE OF CORRECTION—Director Pub. Welfare, City Hall, 2 story and basement, rotunda and 6 wings, Holmesburg St., general contract, to H. E. Baton, 1713 Sansom St., $691,700; heating, to W. Anderson, 600 Schuylkill Ave., $113,097; electrical work, to W. V. Pangborne, 1927 West Montgomery Ave., $21,895; and plumbing, to J. Borden & Bros., 637 North 19th St., $63,537. Grand total $890,229. Noted Aug. 20.

Pa., Tamaqua—MASONIC TEMPLE—Masonic Temple Assn., 3 story and basement, 46 x 150 ft., brick, concrete and steel, plain foundation, here, to Tamaqua Constr. Co., Tamaqua. Archts. est. $150,000.

Del., Dover—STATE HOUSE—State, and Brown & Whiteside, archts., Dupont Bldg., Wilmington, 3 story and basement, 50 x 100 ft., brick and steel addition, plain foundation, to Selbyville Mfg. Co., Selbyville. Archts. est. $150,000. Noted Aug. 13.

Ga., Atlanta—STORE and THEATRE—A. G. Candler, Jr., Candler Bldg., 6 story and basement, theatre and store building, to Starrett Bros., 101 Park Ave., New York City, N. Y. Archts. est. $6,000,000. R. H. Macy & Co., Bway. and 34th St., New York City, N. Y., lessee. Noted Mar. 19.

Ky., Louisville—HOME—Masonic Lodge of Kentucky, general contract (1st unit) Widows and Orphans Home, to Platoff & Bush, 122 West Liberty St., $365,393; heating equipment, to H. Nelbeston, $35,009, etc.

O., Akron — WAREHOUSE — Goodyear Tire & Rubber Co., East Market St., 5 story and basement, 120 x 280 ft., brick and rein.-con., to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland. Archts. est. $350,000.

Ind., Indianapolis—APARTMENT—Meridian Plaza Realty Co., 3370 College Ave., will build 3 story and basement, 85 x 115 ft., rein.-con. and brick, West Meridian St. $165,000. Work will be done by separate contracts.

Ill., Aurora—GARAGE and STORAGE—Western United Gas & Electric Co., 36 Fox Bldg., 2 story and basement, 100 x 125 ft., rein.-con., concrete slab, and brick, to Stone & Webster, Inc., South River St.

Wis., Milwaukee—HOME—Scott & Mayer, archts., 214 Mason St., 4 story and basement, 32 x 40 ft., and 40 x 134 ft., brick and concrete addition, Downer Ave., to H. Danischefsky, 1484 Humboldt Ave., for Protestant Home for Aged, 503 Downer Ave. Archts. est. $200,000. Noted July 30.

Minn., Minneapolis—LODGE—Minneapolis Aerie 34, Fraternal Order of Eagles, W. H. Fawcett, pres., 18 Washington Ave. N., general contract 3 story and basement, rein.-con., brick and tile, 4th Ave. S. and 8th St., to Madsen & Peterson, 646 Builders Exch. Bldg. Archts. total est. $200,000.

Kan., Wichita—COMMERCIAL—Grant-Billings Mercantile Co., 123 North Rock Island St., general contract 3 story and basement, 57 x 128½ ft., rein.-con., brick and stone, to Siedhoff Constr. Co., Broadview Hotel Bldg., Wichita.

Neb., Grand Island — APARTMENT — W. D. Boyll, will build 3 story and basement, 38 x 118 ft., rein.-con. and brick, by day labor. $150,000. C. J. Bowell, Dolan Bldg., archt. Noted May 21.

Neb., Lincoln — HOTEL — Eppley Hotel Co., Capital Hotel, 11 story and basement, 108 x 150 ft., rein.-con., 11th and P Sts., to H. L. Stevens & Co., 30 North Michigan St., Chicago, Ill. Archts. est. $800,000. Noted July 9.

Mo., Jefferson City—HOTEL—Realty Holding Co., 1132 Arcade Bldg., St. Louis, general contract, 6 story and basement, 102 x 140 ft., steel, Adams and High Sts., to Mid-Continent Co., 1132 Arcade Bldg., St. Louis, about $650,000. This corrects report in Aug. 20 issue.

Mo., Kansas City — THEATRE — R. L. Willis, 5037 Michigan Ave., 1 story, balcony and basement, 65 x 165 ft., 3804 Main St., to McCavick Constr. Co., 26th St. and Jefferson Ave., about $200,000. Noted Aug. 6.

Tex., Houston—OFFICE—S. F. Carter, 2nd Natl. Bank Bldg., 5 story, 125 x 135 ft., rein.-con., brick, stone and steel top addition, Main St. and Rusk Ave., to Amer. Constr. Co., 410 Gulf Bldg., approximately $350,000.

Oklahoma—HOSPITAL, etc.—State Bd. Pub. Affairs, Oklahoma City, 1 story, rein.-con. Ward and 3 story, rein.-con. and brick Receiving buildings at Eastern Oklahoma Hospital, Vinita, to D. Tankersley, Sapulpa, $33,050 and $170,900 respectively; Ward building, power house and residence at State Sanitorium, Clinton, to Mann Co., Amer. Natl. Bank Bldg., Oklahoma City, $71,746; 2 story, brick and rein.-con. administration building at Central Oklahoma Hospital, Norman, to Bailey-Burns Constr. Co., Norman, $95,200; 2 story and basement, brick and concrete administration building at School for Deaf, Sulphur, to G. C. Frier, Sulphur, $22,191; 1 story, brick and concrete gymnasium at Southwestern State Normal School, Weatherford, to S. P. Shaw, Enid, $37,990. Grand total $431,077. Noted Aug. 6.

Calif., Long Beach—STORE and LOFT—Shopping Center Bldg. Co., 12 story and basement, 50 x 150 ft. stone and terra cotta, 3rd and Locust Aves., to Stradley, Newton & Wilkie, 312 Markwell Bldg. Annex. $600,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Amherst—DORMITORY—Massachusetts Agricultural College, having sketches made by Ritchie, Parsons & Taylor, 15 Ashburton Pl., Boston, men's dormitory. To exceed $150,000.

R. I., Providence—CHURCH, etc.—Sacred Church of Christ, Scientist, c/o C. H. Lockwood, archt., 171 Westminster St., rejected bids 1 story and basement, 70 x 100 ft. brick and steel church. $150,000-$175,000. Noted Apr. 9.

R. I., Woonsocket—HIGH SCHOOL—City, School Dept. plans 2 story addition to Junior High School. $150,000-$175,000. Engineer and architect not selected.

Conn., Danbury—CHURCH—Polish Roman Catholic Church, B. Givit, pastor, having plans prepared by J. A. Jackson, 185 Church St., New Haven, 1 story and basement, brick and stone, Stone St. $150,000.

Conn., Danielson — HIGH SCHOOL — Town, F. E. Bitgood, chn., having competitive plans prepared 2 story and basement addition, incl. auditorium, domestic science and manual training rooms. $150,000. Engineer and architect not selected.

N. Y., Brooklyn—SCHOOL—St. Francis College, c/o W. P. McGovern, archt. and engr., 156 East 42nd St., New York City, having plans prepared, brick, steel and stone, plain foundation. Butler St. $175,000.

N. Y., New York—CHURCH and HOSPITAL, etc—Realty Sureties, Inc., 2720 Bway., having plans prepared by Shreve & Lamb, 331 Madison Ave., 65 story, brick,

Buildings—Educational, Religious (Cont.)

steel and stone, hotel, church, bank and hospital, plain foundation, Bway. between 122nd and 123rd Sts. $14,000,000.

Pa., New Phila. (Silver Creek P. O.)—CONVENT and SCHOOL—Sacred Heart Roman Catholic Church, having plans prepared by G. C. Freeman, Liberty Bank Bldg., Reading, convent and school. $150,000.

Pa., York—CHURCH and SUNDAY SCHOOL—Union Lutheran Church having plans prepared by J. A. Dempwolf, Center Sq., church and Sunday school. $200,000.

La., Homer—HIGH SCHOOL—Claiborne Parish Bd. Educ. having preliminary plans prepared 3 story, brick, concrete and stone high school. $250,000.

O., Lakewood (Cleveland P. O.)—CHURCH and SCHOOL—St. Hedwigs Roman Catholic Church, F. M. Komlinkl, pastor, 12903 Madison Ave., having plans prepared by M. G. Gill, 313 Plymouth Bldg., Cleveland, 2 story and basement, 118 x 118 ft., brick, steel and concrete, Halstead St., here. $150,000.

O., Shaker Heights (Cleveland P. O.)—HIGH SCHOOL—Bd. Educ. J. W. Main, clk., voted $700,000 bonds, 3 story and basement, brick, steel and concrete, South Woodland and Woodbury Rds. Engineer and architect not selected.

O., Shaker Heights (Cleveland P. O.)—SCHOOLS—Election Nov. 3 $250,000 bonds, two 2 story and basement, brick, steel and concrete schools, for Bd. Educ. Engineer and architect not selected.

Ind., Bedford—HIGH SCHOOL—School Bd., having plans prepared, by E. E. Dunlap Co., 1050 North Delaware St., Indianapolis, 2 story and basement, brick and stone high school. $150,000.

Ill., Woodriver—COMMUNITY and LIBRARY—Standard Oil Co. making preliminary plans rein.-con., brick and stone community house, incl. library, swimming pool, etc. $250,000. Private plans.

Wis., Cudahy—HIGH SCHOOL—Bd. Educ., W. Rasche, pres., having plans prepared by Rosman & Wierdsma, 490 Bway., Milwaukee, (1st unit) 2 story and basement, 60 x 62 ft., and 62 x 180 ft., brick and tile, plain foundation, Lake Rd. $180,000. Noted Aug. 27.

Neb., Lincoln—CHURCH—First Presbyterian Church, 703 1st Natl. Bank Bldg., c/o F. M. Hall, chn. Building Com., having plans prepared by Cram & Ferguson, 248 Boylston St., Boston, Mass., 3 story and basement, church. $250,000.

Tex., Brownsville—ADMINISTRATION—Academy of Incarnate Word and Blessed Sacrament, had plans prepared by H. P. Smith, archt. and engr., Natl. Bank Com. Bldg., San Antonio, 3 story and basement, rein.-con., brick and stucco, plain foundation. $150,000.

Tex., El Paso—CHURCH and OFFICE—First Christian Congregation, making preliminary plans 10 story, part basement, rein.-con., brick and stone, plain foundation, Mesa and Franklin Sts. $600,000. Engineer and architect not selected.

Calif., Los Angeles—CHURCH—Immanuel Presbyterian Church, having plans prepared by C. F. Skilling & H. M. Patterson, Chamber of Commerce Bldg., 4 story and basement, 150 x 235 ft., rein.-con. and steel church and sunday school, Wilshire Blvd. and Berend St. $1,000,000.

BIDS DESIRED

Me., Lewiston—GYMNASIUM—Bates College, H. Howe, secy., taking bids 1 story, 105 x 165 ft., brick and stone gymnasium and indoor athletic field. $500,000. Coolidge & Carlson, 89 State St., Boston, archts.

Mass., Fairhaven—CONVENT and CHAPEL—Sacred Heart Parish, S. Bernard, pastor, taking bids 3 story and basement, 68 x 102 ft. convent, and 1 story, 34 x 100 ft., brick and stone chapel. To exceed $150,000. Leary & Walker, Times Bldg., New Bedford, archts.

Mass., Lowell—CHURCH—St. Joseph's Parish, South Lowell, taking bids 1 story and basement, brick and stone church. $150,000. P. Ganthier, 31 Wiggin St., Lowell, archt.

Mass., New Bedford—HIGH SCHOOL—City, J. Catterall, chn. com. taking bids North Junior High School, 2 story and basement. 65 x 258 ft., with two 65 x 95 ft. wings, brick, stone and limestone, plain foundation, Tarkiln Hill Rd. and Felton St. $700,000. Leary & Walker, Times Bldg., archts.

Conn., Hartford—CHURCH—A. M. E. Zion Church, J. A. Gorman, pastor, taking bids 1 story and basement, brick and stone, plain foundation, Windsor Ave. $150,000. W. T. Marchant, 36 Pearl St., archt.

N. Y., Albany—HIGH SCHOOL—Sept. 8, by Bd. Contr. & Supply, City Hall, Junior High School, Delaware Ave. P. J. Manwiller, secy.

N. Y., Buffalo—MUSEUM—Sept. 15, by Comr. Parks & Buildings, Room 13, City Hall, for Museum of Natural Science, rein.-con., stone and steel Humbolt Park. $1,000,000. Esenwein & Johnson, Ellicott Sq. Bldg., archt.

N. Y., Lyndonville—SCHOOL—Sept. 8, by C. C. Brown, dist. clk., 2 story and basement, rein.-con. and brick school, for Bd. Educ. $150,000.

Pa., Allentown—HIGH SCHOOL—Sept. 8, by School Bd., 3 story and basement, 94 x 170 ft., rein.-con., brick and steel, plain foundation, Lumber St. between Turner and Chew Aves. $300,000. Ruhe & Lange, 12 North 6th St., archts.

Pa., Haverford—HIGH SCHOOL—Sept. 8, by Haverford Twp. School Dist., J. W. Huff, supt., 2 story and basement, 71 x 200 ft., rein.-con., brick, stone and steel, plain foundation, Coopertown Rd. $225,000. Boyd, Abel & Gugert, Otis Bldg., Phila., archts.

Pa., Phila.—SCHOOL—Sept. 12, by Hoffman-Henon Co., archts., Finance Bldg., 5 story and basement, rein.-con., brick and steel, plain foundation, 16th and Girard Sts., for St. Joseph Hospital. $300,000.

Pa., Pittsburgh—HIGH SCHOOL—Sept. 10, by Bd. Educ., Fulton Bldg., Taylor Alderdice High School, 3 story and basement brick and steel, Shady and Forward Sts. $2,000,000. R. M. Trimble Ferguson Bldg., archt.

O., Columbus—STUDY HALL—Sept. 29, by Bd. Trustees Ohio State University, C. E. Steeb, secy., 3 story 60 x 120 ft., rein.-con. and brick addition to Pomerene Hall, on campus. $150,000. J. N. Bradford, c/o owner, archt.

O., Lakewood (Cleveland P. O.)—CHURCH—Sept. 9, by Fifth Church of Christ Scientist, S. Adams, 6110 Franklin Ave., Cleveland, 2 story and basement, 120 x 120 ft., brick, steel and stone, West 117th St. and Lake Ave. F. W. Bail, Hanna Bldg., Cleveland, archts. Noted July 23.

Wis., Milwaukee—GRADE SCHOOL—Sept. 8 (extended date), by School Bd., F. Harbach, secy., 3 story and basement, 124 x 130 ft., rein.-con., tile and brick, plain foundation, 55th and Galena Sts. $350,000. Van Ryn & De Gelleke, 10th and Prairie Sts., archts. Noted Aug. 20.

Ill., Urbana—GYMNASIUM—Sept. 9, by J. M. White, superv. archt. 256 Administration Bldg., of University of Illinois, 2 story and basement, rein.-con., brick and steel addition to Men's Gymnasium, plain foundation, on campus, for University of Illinois. $225,000.

Wis., Montreal—GRADE SCHOOL—Sept. 8, by E. H. Reid, clk. Bd. Educ., for grade school. Howell & Thomas, 4400 Euclid Ave., Cleveland, O., archts. Noted Oct. 16.

Wis., Oshkosh—VOCATIONAL SCHOOL—Sept. 10, by Bd. Educ., E. Beardmore, secy., and Bd. Industrial Educ., R. Schriber, pres., 2 story and basement, brick, tile and concrete school and recreational building, plain foundation. Auler & Jensen, F.R.A. Bldg., archts. Noted June 25.

Ia., Marshalltown—HIGH SCHOOL—Sept. 22, by Bd. Educ., Senior High School, 3 story and basement, rein.-con., brick, and stone. $325,000. H. E. Reimer, Kibby Bldg., Marshalltown, and Daugher, Rich & Woodburn, 320 Valley Natl. Bank Bldg., Des Moines, archts. Noted July 30.

Tex., Ft. Worth—MUSIC HALL—Southwestern Baptist Theological Seminary, c/o R. L. Scarborough, pres., taking bids 2 story and basement, rein.-con., brick and stone, Seminary Hill, $175,000. Sanguinett-Staats & Hedrick, 1005 1st Natl. Bank Bldg., archts. Noted Aug. 2.

Que., St. Urbain—CHURCH—Sept. 4, by J. P. Quellet, archt., 28 Ste. Famille St., Quebec, 1½ story, 80 x 120 ft. church, here, for Roman Catholic Congregation. $150,000.

BIDS RECEIVED

Pa., Phila.—ART MUSEUM—Comrs. Fairmont Park, City Hall, Aug. 25, completing shell, also furnishing and erecting terra cotta arch, for 4 story, 111 x 217 ft., marble and stone, Fairmont Park, from G. A. Fuller Co., Morris Bldg., $2,793,518 and $595,000 respectively; interior finish, from F. W. Mark Constr. Co., Commercial Bldg., $963,565; and removing Washington Monument to point directly in front of above, from A. O'Neil, 127 East Mermid St., $82,900. Noted Aug. 20.

D. C., Wash.—SCHOOL—Dist. Comrs., 16 room school, Nicholson and 13th Sts., N.W., from Parsons & Hyman, Equitable Bldg., $254,000.

O., Cleveland Heights (Warrensville P. O.)—HIGH SCHOOL—Bd. Educ., C. H. Roche, clk., 1781 Lee Rd., Cleveland, Aug. 24, 2 story and basement, 120 x 150 ft., and 60 x 63 ft., brick, steel and concrete, here, from A. A. Lane Constr. Co., 1869 East 55th St., $322,165. Noted Aug. 13.

Wis., Madison—DORMITORY—Wisconsin University Building Corp., M. E. McCaffrey, secy., Aug. 21, 3 story and basement, brick, stone and concrete, plain foundation dormitory for men, here, general contract, from W. W. Oeflein, Inc., 86 Michigan St., Milwaukee, $553,161; heating, from Pharo Heating Co., 1302 Regent St., $34,949; plumbing, etc., from Kissel Bros., Hartford, $73,000. Noted Aug. 6.

CONTRACTS AWARDED

Me., Portland—SCHOOL—City, E. C. Robinson, chn., Building Com., 2 story and basement, brick, Brown St., to J. J. Maloney Co., 270 Middle St., Portland. Archts. est. $150,000. Noted Aug. 20.

Mass., Cambridge (Boston P. O.)—DORMITORY—Harvard University, A. Lowell, pres., 4 story and basement, 120 x 200 ft., brick and stone, Mill and DeWolf Sts., to G. A. Fuller Co., 11 Beacon St., Boston. Archts. est. $500,000. Noted Aug. 6.

Mass., Newton (Ind. br. Boston)—CHURCH—Christian Church of Newton, 1 story and basement, brick, marble and stone, plain foundation, Walnut and Otis Sts., to Sawyer Constr. Co., 16 Arlington St., Boston.

Conn., Bridgeport—SCHOOL—St. Stephens Roman Catholic Church, F. Chernitsky, pastor, 3 story and basement, 115 x 120 ft., brick, steel and stone, Wordin Ave., to T. J. Pardy Co., 1481 Seaview Ave. Archts. est. $200,000. Noted June 22.

Conn., New Britain—SCHOOL—City, School Bd., 2 story and basement, brick and steel, Day, Goodwin and Austin Sts., to M. A. Connor Co., 561 Main St., Hartford. Archts. est. $250,000. Noted July 30.

Pa., Elizabethtown—BOYS SCHOOL—E. A. Wightman, archt., Bankers Trust Bldg., Phila., 1 story and basement, 128 x 212 ft., Elizabethtown Masonic Home Grounds, to Curtis Gimrod Co., 10 South 18th St., Phila., for Trustees Thomas Patton Rankin Memorial School for Boys. Archts. est. $150,000.

Pa., Pittsburgh—SCHOOL—St. Georges Roman Catholic Congregation, Climax St., general contract 2 and 3 story and basement, Climax St., to Duquesne Constr. Co., Cypress and Aspen Sts. $185,000. Noted Jan. 29.

Pa., Stowe Twp.—SCHOOL—School Dist., 3 story and basement addition, general contract, to J. G. Fullman Co., E. E. Trust Bldg., Pittsburgh, $106,400.

O., Canton—HIGH SCHOOL—Bd. Educ., general contract 2 story and basement, brick, steel and concrete, 6th St. S. W., to Melbourne Constr. Co., Brant Bldg., $455,052; heating and ventilating apparatus, to Standard Plumbing Co., 124 Cherry Ave., $69,130. Noted March 5.

Mich., Kingsford Heights (Iron Mountain P. O.)—SCHOOL—Bd. Educ., general contract 2 story and basement, brick and tile school, to Phelps-Drake Co., Iron Mountain, $124,000.

Ill., Chicago—CHAPEL—University of Chicago, 230 South Clark St., general contract Rockefeller Chapel, 1 story and basement, 92 x 200 ft., rein.-con. and stone, on campus to Leonard Constr. Co., 37 South Wabash St., $699,000; cut stone, to Furst-Kerber Cut Stone Co., 2301 South La Salle St., $620,000. Noted Dec. 25.

Ill., Evanston—CHURCH—Second Presbyterian Church, Main and Hinman Sts., 2 story and basement, 75 x 125 ft., brick and stone, plain foundation, Main St., to N. P. Soverin, 105 West Monroe St., Chicago. Archts. total est. $225,000. Noted April 16.

Wis., Holy Hill (Hubertus P. O.)—CHURCH—H. J. Gaul, archt., 228 East Superior St., Chicago, Ill., 2 story, brick and stone, plain foundation, here, to H. Schmitt & Son, 430 Farwell Ave., Milwaukee. Archts. est. $275,000. Noted Aug. 27.

Minn., Faribault—DORMITORY—Shattuck School, C. J. Newhall, general contract, 3 story and basement, rein.-con., brick and stone, to Albee Bros., 621 Plymouth Bldg., Minneapolis, about $150,000. Noted July 30.

Minn., Minneapolis—SCHOOL—St. Helenas Roman Catholic Parish, 4320 33rd Ave., general contract, 2 story and basement, rein.-con., brick and stone, etc., 33rd Ave. and 43rd St. to Deveraux-Olson Constr. Co., 716 11th Ave. S., about $150,000. Noted June 25.

Buildings—Educational, Religious (Cont.)

Neb., Omaha — ACADEMY — Sisters of Notre Dame, c/o M. J. Lahr, archt., 707 W. O. W. Bldg., general contract, 3 story and basement, 110 x 160 ft., rein.-con. and brick, 3501 State St., to A. L. Hyde & Co. 501 North 51st St., $123,896.

Ore., Corvallis — GYMNASIUM — Oregon State Bd., 2 and 3 story, 24 x 132 x 150 ft., rein.-con. and brick gymnasium, here, to L. N. Travar, Corvallis, for State Agricultural College. $182,000.

Que., Quebec—MONASTERY—Schools of Christian Brothers, 5 story monastery, Ste. Foye Rd., to Dansereau Bros., Dandurand St., Montreal, $675,000.

Federal Government Work

BIDS DESIRED

Mass., Boston—Piers—Sept. 15, by Bureau Yards & Docks, Navy Dept., Wash., D. C., rebuilding and repairing 2 piers, at Navy Yard, here.

Mass., Boston—Wire—Sept. 8, by Bureau Supplies & Account, Navy Dept., Wash., D. C., electric wire and cable, steel and bronze wire rope, copper and bronze wire, seamless steel pipe, etc., for Navy Yard, here.

Mass., Holyoke—Remodeling—Sept. 24, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging post office, here; adv. E. N.-R. Sept. 3.

Conn., Stamford—Dredging—Oct. 2, by U. S. Engineer Office, Providence, R. I., dredging in Stamford Harbor, here; adv. E. N.-R. Sept. 3.

N. Y., New York—Dredging—Sept. 24, by U. S. Engineer Office, 2nd Dist., dredging and rock removal in New York and New Jersey channels.

N. Y., Sackets Harbor—Officers Quarters, etc.—Sept. 30, by War Dept., at office Constructing Quartermaster, for 8 brick and concrete buildings, incl., officers quarters, apartments, administration, etc.; adv. E. N.-R. Sept. 3.

N. J., Oceanport—Quarters—Sept. 30 at office Constructing Quartermaster, Fort Monmouth, 2 sets quarters at $9,000 each, or 1 double set at $18,000, or 1 set at $12,000; adv. E. N.-R. Sept. 3.

Va., Norfolk — Hydraulic Dredge — Sept. 25, by U. S. Engineer Office, 15-in. hydraulic pipe line dredge; adv. E. N.-R. Sept. 3.

Fla., Tampa—Remodeling—Sept. 11, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging post office and courthouse, here; adv. E. N.-R. Sept. 3.

Minn., St. Paul—Painting, etc.—Sept. 23, by Treas. Dept. at Office J. A. Wetmore, Acting Supervising Archt., Wash., D. C., repairs to plaster, painting and repointing stonework, at post office, here; adv. E. N.-R. Sept. 3.

BIDS RECEIVED

Pa., Phila.—Steel Tank—Spec. 5113—Bureau Yards & Docks, Navy Dept., Wash., D. C., steel water tank and tower for Naval Home, here, from Pittsburgh-Des Moines Steel Co., 1212 Virginia Ry. & Power Bldg., Richmond, Va. (1) $9,900 (2) $9,700 (3) $25.00. Noted Aug. 20.

D. C., Wash.—Coal and Ash Handling Equipment—Bureau Yards & Docks, Navy Dept., coal and ash handling equipment for Naval Hospital, here, from Specialty Eng. Co., Allegheny and Trenton Sts., Phila., Pa. $16,860. Noted Aug. 13.

Ga., Augusta — Roads — U. S. Veterans Bureau, Wash., D. C., concrete road at U. S. Veteran Hospital, here, from Hodgson & Jones, 1st Natl. Bank Bldg., Montgomery, Ala. (1) $13,043 (2) deduct $2,229. Noted Aug. 13.

Mo., Jefferson Barracks — Stable — U. S. Veterans Bureau, Wash., D. C., altering animal house and stable, here, from Murch Bros. Constr. Co., Ry. Exch. Bldg., St. Louis, (1) $21,120 (2) $24,392 (3) $5,912. Noted Aug. 6.

CONTRACTS AWARDED

Mass., Boston—Water Piping—Treas. Dept., at office Supervising Archt., Wash., D. C., removing present water piping and installing new in U. S. Appraisers Store, here, to Low & Robbins Co., 44 Lowell St., $15,088. Noted Aug. 20.

Pa., Pittsburgh—Lock Gates—U. S. Engineer Office, Wash., D. C., steel lock gates for Lock 4, Allegheny River, here, to Independent Bridge Co., P. O. Box 1920, Pittsburgh, $19,664. Noted July 23.

Pa., Pottsville—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging post office, here, to Devault & Deitrick, Massillon Rd., Canton, O. $17,500. Noted Aug. 27.

La., New Orleans—Levee—U. S. Engineer Office, War Dept., Wash., D. C., 148,000 cu.yd. earthwork in Babin Levee, Atchafalaya Levee Dist. 4th MRD, here, to Lower Constr. Co., Ltd., 418 Godchaux Bldg., $16,280. Noted Aug. 27.

Unclassified

PROPOSED WORK

Subway—Erie, Pa.—Nickel Plate R.R. Co., J. Bernet, pres., Columbia Bldg., Cleveland, O., having plans prepared concrete and steel subway, 19th and Parade Sts. here. $120,000. Private plans.

Underpass—Gastonia, N. C.—Southern Ry. Co., 1300 Penn Ave., Wash., D. C., plans underpass on North Carolina State Highway Route 16, here. $60,000. B. Herman, ch. engr.

Underpass—Greensboro, N. C.—Southern Ry., 1300 Penn Ave., Wash., D. C., soon takes bids two underpasses, here. $60,000. B. Herman, ch. engr. Fellheimer & Wagner, c/o owner, archt.

Bus Terminal—New Orleans, La.—G. P. Blaise, 57 Fontainbleu Dr., having plans prepared by W. T. Nolan, Cavat-Commercial Bldg., for 300 car capacity bus terminal.

Retaining Wall, Tunnel, etc.—Joliet, Ill.—Illinois Waterway Comn., 608 South Dearborn St., Chicago, takes bids about Sept. 25, 2 concrete gravity retaining walls, 22 to 40 ft. high, 3 ft. at top and 20 ft. at bottom, containing 8- to 12-ft. diam. intercepting sewers, also tunnel under river, here. M. G. Barnes, 608 South Dearborn St., Chicago, ch. engr.

Oil Storage—Kewanee, Ill.—City appropriated $15,000 for oil storage and equipment for oiling streets. J. G. Palmer, City Hall, engr.

Lighting System—Oak Park, Ill.—Dept. Pub. Wks. plans ornamental lighting system, incl. 3,300 posts. Randolph-Perkins Co., 38 South Dearborn St., Chicago, engrs.

Grain Elevator—South Chicago (Chicago P. O.), **Ill.**—Nye & Jenks Grain Co., 140 West Van Buren St., Chicago, plans addition, incl. marine tower, etc. to Wabash R. R. grain elevator, 104th St. and Torrence Ave., here. J. Stewart & Co., Fisher Bldg., Chicago, engrs.

Swimming Pool—Mason City, Ia.—See Buildings—Commercial."

Street Lighting—St. Paul, Minn.—Making plans ornamental street lighting system on approximately 50 mi. various streets. $350,000. G. M. Shepard, city engr.

Gas Mains—Pampa, Tex.—W. L. Woodard et al, Pampa, plan gas mains from nearby fields to Pampa. $50,000. Private plans.

Power Line—San Antonio, Tex.—San Antonio Pub. Serv. Co., plans 83 mi. line to connect with Waco Light & Power Co. line. E. H. Kifer, mgr.

Gas Pipe Line—Altus, Okla.—Plans extending main supply line to Sayre Fields. To exceed $25,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Breakwater—Grand Harbour, N. B.—Sept. 17, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, constructing breakwater at Ingalls Head, Charlotte Co., here. $25,000.

Piers—Three Rivers, Que.—St. Lawrence Paper Co., plans 340 ft. crib work for 4 piers. $75,000. O. S. White, Three Rivers, engr.

BIDS DESIRED

Heating and Ventilating — Waltham, Mass. — Sept. 15, by City, Mayor's Office, heating and ventilating in New City Hall, Common St. $25,000. Kilham, Hopkins & Greeley, 9 Park St., Boston, archts.

Wiring, etc.—Buffalo, N. Y.—Sept. 17, by City, wiring for light and power, remote control cabinets, switch boards, automatic control, transformers, etc. for filter plant, foot of Jersey St. To exceed $25,000. G. C. Andrews, Col. Ward Pumping Sta., engr.

Special Work, etc.—Brooklyn, N. Y.—Sept. 11, Bd. Transportation, 49 Lafayette St., New York City, special work for use in construction of portion of Flushing Extension, also installing tracks etc., for portion of Coney Island Yard. J. H. Delaney, chn.

Oil Burning System—New York, N. Y.—Sept. 11, by W. W. Mills, comr. Plant & Structures, Municipal Bldg., complete fuel oil storage and oil burning system for combined boiler plant of Willard Parker Hospital and Central Motor Repair Shop, 16th St. and East River.

Borings—Phila., Pa.—Sept. 8, by Director Pub. Wks., City Hall, 22 test borings at site City Hall and Juniper and Filbert Sts. Noted July 10, 1924, under "Buildings."

Grand Stand—York, Pa.—Sept. 11, by York Co. Agricultural Society, c/o J. H. Rutler, York, 94 x 420 ft., rein.-con. and brick grand stand, plain foundation. $200,000. Osborn Eng. Co., East 71st, Euclid Bldg., Cleveland, O., engrs. E. Leber, Hay Bldg., archt.

Subway, etc.—Wash., D. C.—Sept. 25, by Dist. Comrs., Room 509 Dist. Bldg., constructing subway and bridge; adv. E. N.-R. Sept. 3.

Power Lines and Sub-Stations — Illinois —See "Contracts Awarded."

Traffic Signals—Shreveport, La.—Sept. 8, by Comn. Council, electric traffic control system for 15 downtown streets, also underground apparatus for same.

Swimming Pool — Woodriver, Ill. — See "Buildings—Educational, Religious."

Gas Pipe Line—Oklahoma—See "Contracts Awarded."

Breakwater, etc.—Canada—Sept. 15, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, 310 ft. breakwater at Escuminac, Northumberland Co., N. B., $50,000; and for wharf at Arisaig, Antigonish Co., N. S., $10,000.

Air Compressor—Esquimalt, B. C.—Sept. 10, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, complete air compressor at dry dock, here. $40,000.

Jetty, etc.—Ottawa, Ont.—Sept. 11, by S. E. O'Brien, secy. Bd. Pub. Wks., 1,200 ft. timber cribwork jetty at Nicolet, Que.; and additional concrete bulkhead to existing wharf at Cap-de-la-Madeleine, Que. $30,000 each. B. Grandmont, Three Rivers, engrs.

BIDS RECEIVED

Wharf — New Orleans, La. — Bd. Port Comrs., New Court House, (2nd unit) Poland St. Wharf, 450 ft. long from J. Riess, Carondelet Bldg., steel $149,778 and wood $162,403, furnishing steel, from Rochester Bridge Co., Rochester, N. Y. (1) $79,337 (2) $96,060; unloading, erecting and painting steel, from A. P. Boh & Co., 417 Baronne St., $19,249; furnishing and erecting steel rolling doors for Poland and Piety Street sheds, from Kinnear Mfg. Co., Hibernia Bldg., $18,411; for 25,000 and 50,000 bbl. fuel oil, from Sinclair Refining Co., Carondelet Bldg., $1.39 and $1.44 respectively.

Pumphouse, Culverts, etc.—Detroit, Mich.—Wayne Co. Road Comn., 1103 Real Estate Exch. Bldg., Aug. 11, from Closser Bros., Wyandotte, improvements for Grade Separation 8,216,002 on Plymouth Rd., near Pere Marquette Ry., pumphouse $7,250, concrete culverts $2,801, outlet sewer $2,363, 26,000 cu.yd. excav. $20,800, etc., total $47,895.

CONTRACTS AWARDED

Heating, etc. — Marlboro, Mass. — City Mayor's Office, heating and ventilating system in old high school, also connections and piping in new high school, to V. J. Kenneally Co., 256 Dover St., Boston, $24,500. Noted Aug. 13.

Train Sheds, etc.—Atlanta, Ga.—Atlanta Terminal Co., Terminal Bldg., general contract additional train sheds, covering platforms, etc., to Foundation Co., 101 Marietta St. Engrs. est. $200,000.

Heating, etc.—Louisville, Ky. — See "Buildings—Commercial."

Foundations, etc.—Sandusky, O.—Ohio Pub. Serv. Co., 1800 B. F. Keith Bldg., Cleveland, foundations and tower for power transmission line across Sandusky Bay, Erie Co., 400 cu.yd. earth and 25 cu.yd. rock excav., and 935 cu.yd. rein.-con., etc., to Amer. Constr. Co., 1276 West 3rd St., Cleveland. Engrs. est. $60,000.

Power Lines and Sub-Stations—Illinois—Illinois Northern Utilities Co., Dixon, will build 15.5 mi. No. 4 copper line on 30 ft. piles from Shabbona to Steward and Lee, $25,000; sub-station incl. three 25 kva. switching equipment at Steward, $1,500; same type station at Lee, $2,000; and distribution systems in Steward $5,000, and Lee $4,000, by own forces.

Gas Pipe Line—Oklahoma— Oklahoma Natural Gas Co., 1 East 36th St., will build 65 mi. new 16 in. pipe line from Tulsa to Kelleyville and from Depew to point southwest of Wewoka, Seminole Co. to tap Cromwell fields, also three 8 in. river crossings to Tulsa, new compressor station at Lohman, Osage Co. and minor installations in various towns, by day labor, under supervision of A. W. Leonard, vice. pres. $2,000,000. C. H. Crutcher, Tulsa, engr. Noted July 16.

Alarm System — Montreal, Que. — City, police alarm system, to Northern Electric Co., 121 Shearer St., $180,860.

Materials

BIDS DESIRED

Pipe—Long Beach, Calif.—Sept. 29, by City Council, 34,880 lin.ft. 6- to 20 in. c.i. Class "B" pipe. C. H. Windham, City Hall, engr.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

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E.N.-R.

OFFICIAL PROPOSALS

Bids: Sept. 16

State Highway Work

Dover, Del.

Sealed proposals will be received by the State Highway Department, at its office, Dover, Delaware, until 2 o'clock P. M., September 16, 1925, and at that place and time publicly opened, for the construction of State Aid Highways, involving the following approximate quantities:

CONTRACT 37E
REMOVING OLD BRIDGE AT DRAWYERS—LUMP SUM BID

CONTRACT CK30
MARYLAND LINE-HARTLY—2.60 MILES

9,600 Cu. Yds. Excavation
1,200 Cu. Yds. Borrow
80 Tons Broken Stone Base Course
4,025 Cu. Yds. Cement Concrete Pavement
OR 4,025 Cu. Yds. Cement Concrete Pavement (Slag Aggregate)
13,800 Lin. Ft. Longitudinal Metal Joint.
OR 13,800 Lin. Ft. Machine Finished Non-Metallic Joint
50 Cu. Yds. Class "A" Concrete
1,500 Lbs. Reinforcement
360 Lin. Ft. 15 in. Corrugated Metal Pipe
60 Lin. Ft. 15 in. R. C. Pipe
112 Lin. Ft. 18 in. R. C. Pipe
56 Lin. Ft. 24 in. R. C. Pipe
56 Lin. Ft. 30 in. R. C. Pipe
30 Lin. Ft. 36 in. R. C. Pipe
2,400 Lin. Ft. Wood Shoulder Curb

CONTRACT CS30C
REHOBOTH CONNECTION—0.875 MILES

1-3 Acres Clearing
1-3 Acres Grubbing
2,500 Cu. Yds. Excavation
200 Cu. Yds. Borrow
1,475 Cu. Yds. Cement Concrete Pavement
OR 1,475 Cu. Yds. Cement Concrete Pavement (Slag Aggregate)
4,470 Lin. Ft. Longitudinal Metal Joint
OR 4,470 Lin. Ft. Machine Installed Non-Metallic Long. Joint
60 Tons Amiesite
10 Cu. Yds. Class "A" Concrete
400 Lbs. Reinforcement
160 Lin. Ft. 15 in. R. C. Pipe

Performance of contract shall commence within ten (10) days after execution of the contract and be completed as specified.

Monthly payments will be made for 90 per cent of the construction completed each month.

Bidders must submit proposals upon forms provided by the Department.

Each proposal must be accompanied by a surety bond, certified check, or money to the amount of at least ten (10) per centum of the total amount of the proposal.

The envelope containing the proposal must be marked "Proposal for the Construction of State Highway Contract No....."

The Contract will be awarded or rejected within twenty (20) days from the date of opening proposals.

The right is reserved to reject any or all bids.

Detailed plans may be seen and index plans and specifications may be obtained upon deposit of ten dollars ($10.00) which amount will be refunded upon return of plans and specifications in good condition at the office of

STATE HIGHWAY DEPARTMENT
Dover, Delaware.

OFFICIAL PROPOSALS

Bids: Oct. 6

Construction of 60-inch Cast Iron Outfall Sewer

Lynn, Mass.

Sealed proposals, in duplicate, addressed to the Commission on Ways and Drainage of the City of Lynn, Mass., for constructing a 60-inch Cast Iron Outfall Sewer, complete, in Lynn Harbor, will be received at the offices of the Purchasing Agent and City Engineer of the City of Lynn, City Hall, Lynn, Mass., until 4:00 o'clock p.m. Eastern Standard Time Tuesday, October 6, 1925, and will be publicly opened and read at the meeting of the City Council of the City of Lynn at 7:00 p.m. of that day.

The work under this contract will consist of unloading from cars or boats, storing, hauling, laying on pile foundations and testing, inclusive of necessary dredging, backfilling and disposal of surplus material, approximately 15,000 feet of 60-inch cast iron pipe and special castings, complete, from a point near the City's proposed pumping station, located on its property adjacent to that of the Lynn Gas & Electric Company, to deep water outside of Lynn Harbor.

Plans, specifications and form of contract are on file and can be obtained at the office of the City Engineer, City Hall, Lynn, Mass. A set of the plans and specifications may be obtained for use in making up a bid by depositing Twenty-five Dollars ($25.00) and this deposit will be refunded if such plans and specifications are returned in good condition within two weeks after the date set for receiving bids by the City Council.

The right to reject any or all proposals or to accept any bid deemed advisable for the interests of the City of Lynn, is reserved by the Commission on Ways and Drainage and the City Council of the City of Lynn.

Each proposal shall be accompanied by a certified check for Fifteen Thousand Dollars ($15,000.00) drawn to the order of the City Treasurer of Lynn, Mass. The bidder to whom the contract is awarded will be required to furnish, for the faithful performance of the work under this contract, an approved Surety Company Bond in the amount of Four Hundred Thousand Dollars ($400,000.00).

CITY OF LYNN, MASSACHUSETTS
BY ITS
COMMISSION ON WAYS & DRAINAGE
HARLAND A. McPHETRES,
OTIS R. DUSHUTTLE,
REEVES J. NEWSOM,
JOHN R. GRAHAM,
WILLIAM L. VENNARD,
MORRIS KNOWLES, INC.,
Engineers.

Bids: Oct. 6

Construction of Court House

Labelle, Fla.

Sealed proposals will be received by the County Commissioners of Hendry County, at their office in Labelle, Florida, until 12 o'clock noon on the 6th day of October, 1925, when bids will be opened and read for the construction of the Hendry County $100,000.00 Court House.

Plans and specifications will be forwarded upon the application and deposit of $25.00 with

W. T. HULL, Clerk,
Labelle, Florida.

OFFICIAL PROPOSALS

Bids: Sept. 14

Concrete Road Construction

Hackettstown, N. J.

Notice is hereby given that sealed bids will be received by the Common Council of the Town of Hackettstown for the improvement of Mountain Avenue in the Town of Hackettstown in the County of Warren with a reinforced concrete surface; estimated amount of concrete surface pavement required is 14,378 square yards; and opened and read in public at the Town Hall, Hackettstown, N. J., on

SEPTEMBER 14, 1925, AT 7:30 O'CLOCK P. M., STANDARD TIME.

Drawings, specifications and forms of bid, contract and bond for the proposed work, prepared by H. W. Vetter, engineer, and approved by the State Highway Commission have been filed in the office of the said engineer at Belvidere and of said State Highway Commission, Trenton, N. J., and may be inspected by prospective bidders during business hours. Bidders will be furnished with a copy of the specifications and blue prints of the drawings by the engineer on proper notice and payment of cost of preparation. Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of bidder and name of road on the outside, addressed to Arthur G. Boettiger, Clerk of the Town of Hackettstown, and must be accompanied by a statement from a surety company authorized to do business in New Jersey stating that it will furnish the bidder with a satisfactory bond in the full amount of the contract, in case he is found to be the lowest responsible bidder and is subsequently awarded the contract, and a certified check for not less than ten (10) per cent of the amount bid, provided said check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the place and on the hour above named. The standard proposal form is attached to the specifications, copies of which will be furnished on application to engineer.

By order of the Common Council of the Town of Hackettstown.

ARTHUR G. BOETTIGER,
Clerk.

Bids: Sept. 21

Concrete Dam

Streator, Ill.

Sealed proposals will be received by the Streator Aqueduct Company until 2:00 p.m., September 21, 1925, for the construction of a concrete dam and appurtenances.

The principal quantities include approximately 9,400 cu.yd. of excavation, 4,900 cu.yd. of backfill and embankment, 5,100 cu.yd. concrete and 59,000 lb. of reinforcing steel.

One set of plans and specifications may be obtained from either the company or the consulting engineers by making a deposit of $10.00, which deposit will be returned on the return in good order of the plans and specifications.

A certified check for $2,500 must accompany each bid, and the successful bidder will be required to furnish a bond for $100,000.

The right is reserved to reject any or all bids.

R. D. HUGGAN,
Supt., Streator Aqueduct Co.
MAURY & GORDON,
Consulting Engineers,
1445 Monadnock Bldg.,
Chicago, Illinois.